



भारत का राजपत्र

The Gazette of India

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PUBLISHED BY AUTHORITY

सं० १०] नई दिल्ली, शनिवार, मार्च ६, १९७६ (फाल्गुन १६, १८९७)
No. १०] NEW DELHI, SATURDAY, MARCH 6, 1976 (PHALGUNA 16, 1897)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड २

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 6th March 1976

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

29th January 1976

- 162/Cal/76. Nauchno-issledovatel'sky I Konstruktorsky Institut Ispytate Linykh Mashin, Priborov I Sredstv Izmerenia Mass. Discrete digital weighing apparatus with computation of cost of weighed product.
- 163/Cal/76.—Bayer Aktiengesellschaft. 1, 4-dihydropyridine-carboxylic acid aralkyl esters processes for their preparation and their use as medicaments.
- 164/Cal/76. Dresser Industries, Inc. Pressure gauge construction.
- 165/Cal/76. Capt. R. C. Beohar. Cadet range control.
- 166/Cal/76. Frank Natrass and Peter Johnson Natrass. Improvements relating to bulk material containers. [Addition to No. 2478/Cal/74]
- 167/Cal/76. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Sliver delivery apparatus for an open-end spinning device.

30th January 1976

- 168/Cal/76. Pilkington Brothers Limited. Improvements in or relating to the manufacture of glass. (January 31, 1975).

- 169/Cal/76. Fadic Bros. & Company Limited. Improvements in travellers for ring spinning and doubling machines.

- 170/Cal/76. Vsesojuzny Nauchno-Issledovatel'sky Institut Zemle-roinogo Mashin-Ostroenia. Dip angle data transmitter.

- 171/Cal/76. Dresser Industries, Inc. Shaft seal for corrosion resistant butterfly valve.

31st January 1976

- 172/Cal/76. Wilmot-Breeden Limited. Improvements in locking devices. (April 26, 1975).

- 173/Cal/76. Grasso's Koninklijke Machinefabrieken N. V. Rotary displacement compressor with capacity control.

- 174/Cal/76. Nestle's Products Limited. Preparation of Σ -(γ -glutamyl)-lysine.

- 175/Cal/76. L.G.T. Laboratoire General Des Telecommunications. Differential phase correcting arrangement. (October 21, 1975).

- 176/Cal/76. L.G.T. Laboratoire General Des Telecommunications. Amplifier arrangement with automatic non-linearity correction. (October 31, 1975).

- 177/Cal/76. Bayer Aktiengesellschaft. Preparation of 4-acylaminoanthrones.

- 178/Cal/76. R. K. Dandekar. Improved flushing cistern.

- 179/Cal/76. Dash Fasteners (Private) Limited. Improvements in or relating to expansion fasteners of the direct installation type.

180/Cal/76. Dash Fasteners (Private) Limited. An improved mechanical device for converting rotary motion of an electric hand drilling machine into percussive hammer blows.

181/Cal/76. Lalit Goel. Improvement in or relating to a kerosene stove.

2nd February 1976

182/Cal/76. Sibirsky Nauchno-Issledovatel'skiy Institut Energetiki. Electrical network voltage control device.

183/Cal/76. S. L. Coondoo & Co. 'Non-pressurised wick stove'.

184/Cal/76. Gebrüder Ahle. A round wire helical compression spring, particularly for use in motor vehicles.

185/Cal/76. ISC Alloys Limited. Improvements in or relating to the production of sodium hydrosulphite. (March 26, 1975).

186/Cal/76. Raychem Corporation. Heat recoverable articles and method of obtaining the same.

187/Cal/76. Raychem Corporation. Metallic compositions.

188/Cal/76. Raychem Corporation. Heat recoverable articles and method of obtaining the same.

189/Cal/76. S.I.M.B. Società Iniziative Meccaniche Bresciane S.p.A. A method and a circular knitting machine for manufacturing stockings and like articles having a jacquard pattern over ribbed knitwork made of plain and purl stitches.

3rd February 1976

190/Cal/76. American Cyanamid Company. Synthesis of *d*-2-amino-1-butanol.

191/Cal/76. Kombinat Veb Elektro-Apparate-Werke Berlin-Treptow. Current-limiting auto-switch.

192/Cal/76. Imodco Inc. Mooring terminal.

193/Cal/76. Federal-Mogul Corporation. Welded plastic bearing cage and method of making same.

194/Cal/76. J. E. Persson. Pump means.

195/Cal/76. Égyp Gyógyszervegyészeti Gyar. Novel oxime ethers and process for the preparation thereof.

196/Cal/76. Babcock & Wilcox Limited. Improvements in or relating to slurry treatment apparatus. February 7, 1975).

197/Cal/76. Sea Tank Co. and Oceanic Contractors Inc. Method for connecting at least one sub-marine pipeline to a weight-platform.

4th February 1976

198/Cal/76. Skemmill Limited. Coiling machine.

199/Cal/76. The Babcock & Wilcox Company. Fluidized bed treatment of kraft black liquor with H₂S absorption.

200/Cal/76. Société Industrielle De Transports Automobiles (SITA). Improvement in the body of vehicles for receiving, transporting and discharging solid materials.

201/Cal/76. Hoechst Aktiengesellschaft. Process for the preparation of xanthene dyestuffs.

202/Cal/76. Kirit Bhushan Sen and Captain Arnab Sen. Module for making containers.

203/Cal/76. Mrs. Kanta Devi Daga. An alarm device for use on a bed which is liable to get wet.

204/Cal/76. Girling Limited. Improvements in vehicle brakes. [Divisional date November 9, 1973].

205/Cal/76. Schweiter Engineering Works Ltd. Multiple-unit spooling machine with yarn traverse mechanism.

206/Cal/76. The Parker Pen Company. Fountain pen.

207/Cal/76. Lindauer Dornier Gesellschaft m.b.H. Pull-in regulator for looms.

208/Cal/76. Antonio Gallardo S.A. A process for preparing lysine salt of cephalixin.

209/Cal/76. Bose Corporation. Loudspeaker system with broad image source.

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

27th January 1976

31/Bom/76. F.A. Nagrec. Improvements in or relating to sofa-cum-beds.

32/Bom/76. S. Martin. Improvements in or relating to a device for indicating weight.

33/Bom/76. A. M. Gadgil. Improved packaging paper for packing fruits, vegetables, vegetable products and the like and method of manufacturing such packaging paper.

28th January 1976

34/Bom/76. G. V. Apté and D. E. Nelson. A mechanism for operating a fuel pump for diesel or other engines the capacity of the pump being capable of adjustment while the engine is running by adjustment of the stroke of the pump and a mechanism for a fuel injector for diesel or other engines, which can produce an atomised spray at comparatively low injection pressures.

29th January 1976

35/Bom/76. Shri P. J. Chaugule. Improved masonry structures.

30th January 1976

36/Bom/76. The Bombay Textile Research Association. An instrument, 'BTRA' Fibre bundle strength tester.

37/Bom/76. Rallis India Ltd. Clutch and reduction gear unit for small engines.

38/Bom/76. Sarabhai Research Centre, A division of Swastik Household & Industrial Products Limited. A process for the preparation of α -chloro phenylacetyl chloride.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

30th January 1976

17/Mas/76. Nambiar Consultants Private Limited. Improvements in or relating to a method of processing coconuts.

31st January 1976

18/Mas/76. R. Suguraman. Electronic torque control for tube expanders.

19/Mas/76. M. M. Islam. Drill pipe with bearings.

ALTERATION OF DATE

138621.

1306/Cal/75.

Ante-dated 23rd June, 1967.

138647.

198/Cal/75.

Ante-dated to 21st March 1973.

138650.

1049/Cal/75.

Ante-dated to 10th December 1973.

138651.

1699/Cal/75.

Ante-dated to 10th December, 1973.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F.b & 55E₄. I.C.-C07d 41/08, A61K 25/00.

130044.

PROCESS FOR THE PREPARATION OF OPTICAL ISOMERS OF HEXAHYDROAZEPINES.

Applicants : JOHN WYETH & BROTHER LIMITED, OF HUNTERCOMBE LANE SOUTH, TAPLOW, MAIDENHEAD, BERKSHIRE, ENGLAND.

Inventors : JOHN FREDERICK CAVALLA AND ALAN CHAPMAN WHITE.

Application No. 130044 filed January 25, 1971.

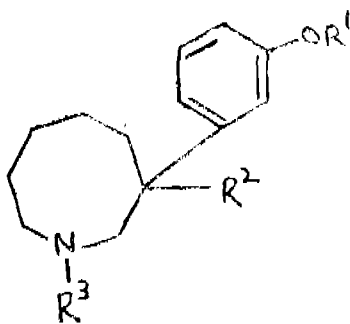
Convention date February 6, 1970/(5804/70) U.K.

Addition to No. 122652.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A process for preparing the optical isomers of compounds of the general formula (I).



or the acid addition salts thereof, in which R¹ is a hydrogen atom, a lower alkyl radical, a benzyl radical or a lower alkanoyl radical, R² is a lower alkyl radical, R³ is a hydrogen atom or a lower alkyl, alkenyl, alkynyl, cyclopropylmethyl, lower alkanoyl, alkoxy carbonyl, formyl, phenacyl, phenethyl or β-benzoyl ethyl group and the term "lower" means that the radical contains up to 6 carbon atoms, which process comprises resolving a racemic compound of formula (I) by a known method and if desired, converting an obtained optically active isomer of formula (I) to another compound of formula (I) by a known method of alkylation, acylation, hydrolysis, hydrogenolysis, formylation or reduction and, if desired isolating the product as an acid addition salt by a known method.

CLASS 32F.b. I.C.-C07d 51/46, 51/52, 51/38. 138621.

A METHOD OF PRODUCING N-[δ-(6-PURINYLTIO) VALERYL] AMINO COMPOUNDS.

Applicants : SPOFA, SPOJENE PODNIKY PRO ZDRAVOVNICKOU VYROBU, PRAHA, CZECHOSLOVAKIA.

Inventors : Antonin Cerny, Miroslav Semonsky and Vaclav Jelinek.

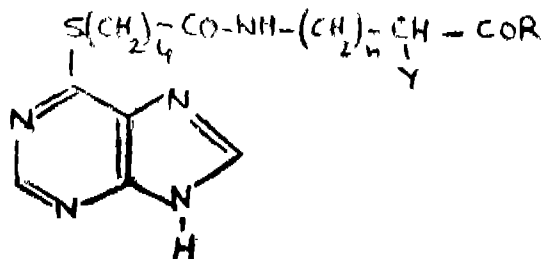
Application No. 1306/Cal/75 filed July 3, 1975.

Division of Application No. 111218 filed June 23, 1967.

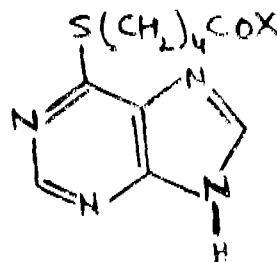
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

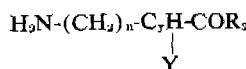
A method of preparing N-[δ-(6-purinythio) valeryl] amino compounds of the general formula I.



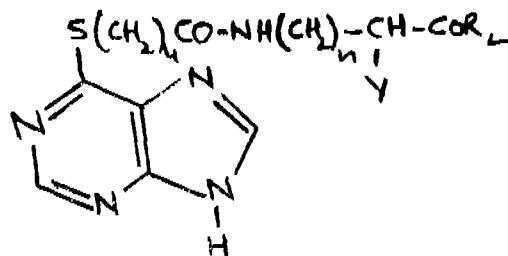
wherein n is an integer from 0 to 5, R stands for a residue of a peptidically bound amino acid or dipeptide with the carboxylic group either free or esterified with an alcohol with a straight or branched carbon chain with 1-7 carbon atoms, where at said residues, so far as they contain asymmetric carbon, can be optically active or racemic; Y stands for a hydrogen atom, straight or branched alkyl with 1-5 carbon atoms, a phenyl, 3-indolyl, or for a group selected of $-\text{CH}_2\text{OH}$, $-\text{CH}_2\text{SH}$, $-(\text{CH}_2)_m\text{SCH}_3$ or $-(\text{CH}_2)_m\text{COR}$, wherein m is an integer from 1 to 3, and R₁ stands for an alkoxy group with a straight or branched carbon chain with 1-8 carbon atoms, characterized in that a 6-(4-carboxybutyl) thiopurine derivative of the general formula II.



wherein X stands for a chlorine atom or a -N₃ group, is condensed with an amino acid ester of the formula III.



wherein n and Y have the same significance as in the formula I, and R₂ stands for an alkoxy group with a straight or branched carbon chain with 1-8 carbon atoms, to form a N-[δ-(6-purinythio) valeryl] amino acid ester of the formula IV.



wherein n and Y have the same signification as in the formula I, and R₁ has the same signification as in the formula III, which product after having been converted to azide, in a conventional manner is condensed with an amino acid ester of the general formula III, to form the corresponding ester of N- δ -(6-purinythio) valeryl dipeptide, which is alkali-saponified to the free acid, and the latter is optionally subjected to further an reaction with an amino acid ester of the formula III, in the presence of N, N'-dicyclohexyl carbodiimide, to form the corresponding N- δ -(6-purinythio) valeryl tripeptide ester.

CLASS 110. I.C.-D04 21/02. 138622.

DEVICE FOR THE PRODUCTION OF REVERSIBLE PILE LOOP KNIT FABRICS FREE OF ALLEYS ON WARP KNITTING MACHINES.

Applicants : VEB WIRKMASCHINENBAU KARL-MARX-STADT, OF ANNABERGER STRASSE 73, 901 KARL-MARX-STADT, GERMAN DEMOCRATIC REPUBLIC.

Inventors : HEINZ LINDNER.

Application No. 1188/Cal/74 filed May 30, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

Device for the production of reversible pile loop knit fabrics free of alleys on warp knitting machines with knocking-over sinkers designed as rear pile loop holders and front pile loop holders, which are at the same time holding down sinkers, between which are provided on the front side of the needles weft yarn guides and pressure plates co-ducted in recesses of the pile loop holders and mobile at right angles to the needle shaft, for depositing the weft threads characterised thus, that the pressure plates are arranged between the weft yarn guides and the front pile thread guide bar and the front pile loop holder possesses the recess for guiding the pressure plate.

CLASS 186A. I.C.-H03h 7/10. 138623.

IMPROVEMENTS IN OR RELATING TO ELECTRICAL FILTERS.

Applicants : SIEMENS AKTIENGESSELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : ERWIN BUCHERL.

Application No. 708/Cal/74 filed March 29, 1974.

Convention date August 3, 1973/(36906/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

An electrical filter with a Nyquist flank characteristic, for generating a vestigial side-band, characterised in that two identical exact separating filters are connected in cascade in such a fashion that the output of one filter section in the first separating filter is connected to the input of the second separating filter, a signal U_i injected at input of the filter passing through two filter sections having the same attenuation characteristic; in that the two other filter sections of the separating filters are terminated in identical ohmic resistances; and in that the characteristic functions assigned to the reciprocal transfer functions DN₁, DN₂ of the filter sections are self-reciprocal functions.

CLASS 172E. I.C.-B65h 54/66. 138624.

APPARATUS FOR COLLECTING A CORELESS COILED THREAD PACKAGE.

Applicants : EDDYBEL S.A., OF COIRA, SWITZERLAND.

Inventors : RENATO CROTTI.

Application No. 604/Cal/74 filed March 20, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

An apparatus for collecting a coreless coiled thread package having a central hollow bore, said apparatus comprising :

(a) a thread collecting or receiving disc, having a central through bore;

(b) a vertical guide column engaging said bore of the said receiving disc, so as to permit the vertical displacement of the said receiving disc upwardly and downwardly along said guide column;

(c) supporting means provided in correspondence of said column for supporting said receiving disc during its vertical displacement along the guide column, further means being provided for elastically urging said supporting means upwardly, towards the top of the column.

CLASS 33A & 129B. I.C.-B21C 23/08. 138625.

LOW POROSITY CAST WIRE.

Applicant : MONSANTO COMPANY, AT 800 NORTH LINDBERGH BOULEVARD, ST. LOUIS, MISSOURI 63166, UNITED STATES OF AMERICA.

Inventors : EMERICK JOSEPH DOBO.

Application No. 198/Cal/74 filed January 30, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

An orifice assembly for extruding a low porosity high tensile strength filamentary jet from an essentially inviscid melt to form fibres and filaments characterised by :

(a) a first plate;

(b) a second plate, said second plate being spaced beneath said first plate in a stacked relationship therewith;

(c) a third plate, said third plate being spaced beneath said second plate in a stacked relationship therewith and with said first plate;

(d) a first orifice, said first orifice being centrally disposed in said first plate;

(e) a second orifice, said second orifice being centrally disposed in said second plate in co-axial alignment with said first orifice, said second orifice having a nozzle configuration with a convergent entry section, an intermediate throat section and a divergent exit section, said exit section having an included angle of divergence of between 4° to 12°;

(f) a third orifice, said third orifice being centrally disposed in said third plate in co-axial alignment with said first and second orifices, said third orifice having walls which converge towards the exit thereof at an included angle of between about 7° to 20°;

(g) a first substantially enclosed chamber, said chamber being defined by a gap space between the opposing faces of said first and second plates, said gap space having a vertical distance which is substantially equal to the diameter of the throat section of said second plate orifice;

(h) a means for supplying an alternating gas under pressure to said substantially enclosed chamber and into said second orifice;

(i) a second substantially enclosed chamber, said chamber being defined by a gap space between the opposing faces of said second and third plates;

(j) means for supplying a gas reactive with said filamentary jet to said second substantially enclosed chamber and into said third plate orifice.

CLASS 88D. I.C.-B01j 7/00.

138626.

AN ARRANGEMENT FOR OBSERVING THE INTERIOR OF GAS PRODUCERS OPERATING AT ELEVATED PRESSURE.

Applicants: KRUPP-KOPPERS GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, (FORMERLY KNOWN AS HEINRICH KOPPERS GESELLSCHAFT MIT BESCHRANKTER HAFTUNG), OF MOLTKESTRASSE 29, 43 ESSEN, WEST GERMANY.

Inventors: WILHELM HAVERKAMP.

Application No. 2643/Cal/73 filed December 3, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An arrangement for observing the interior of a gas producer operating at elevated pressure, comprising a member sealably mounted in a casing and rotatable therein between operative and non-operative positions, said member having a bore which, in said operative position, is aligned with the axis of an observation aperture and houses a sight glass insert, the rotatable member being water-cooled.

CLASS 40F & 72A+B+C. I.C.-C06b 19/00, 21/00, 21/02.

138627.

METHOD AND APPARATUS FOR PREPARING AND PACKAGING STICK SLURRY EXPLOSIVES.

Applicants: IRECO CHEMICALS, OF 726, KENNECOTT BUILDING, SALT LAKE CITY, UTAH, 84111, UNITED STATES OF AMERICA.

Inventors: CHARLES HAROLD MURPHY, LYNN UDY AND STANLEY LAVELL JORGENSEN.

Application No. 2046/Cal/73 filed September 6, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

The method of preparing viscous slurry explosive material in stick form which comprises the steps of blending particulate solids as hereinbefore described including particulate fuels into a liquid comprising dissolved oxidizer material as hereinbefore described to form a pumpable slurry or suspension of said particles in said liquid, forcing the resulting slurry while still pumpable by means of a pump through a hollow extrusion tube or mandrel and into a long tubular wrapper as hereinbefore described shaped around said mandrel and encompassing the extruded rod-like slurry, said tube having one end closed off before said extrusion, while advancing a package length of the wrapper along and away from the outlet end of said extrusion tube or mandrel, closing off the other wrapper end as each stick length is completed by collapsing said wrapper between stick lengths, securing fastener means around the collapsed portion and cutting the collapsed wrapper material between adjacent stick lengths to separate a complete wrapped stick of said explosive material from said wrapper material.

CLASS 47E. I.C.-C10b 5/04, 5/12, 5/14.

138628.

REGENERATIVELY HEATED COKE OVEN.

Applicants: DR. C. OTTO & COMP. GMBH., OF 4630 BOCHUM, WEST GERMANY.

Inventors: ERICH PRIES.

Application No. 696/Cal/73 filed March 27, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A regeneratively heated coke oven battery with heating walls divided into heating flues, in which rich gas burners are arranged projecting above the heating flue sole and in which means are provided for mixing air with the rich gas upstream of the

gas inlet into the heating flue, characterised in that openings are provided in the burner tubes adjacent the heating flue sole, said openings being of such a type and size that a volume of regeneratively preheated air sufficient to prevent the formation of carbon deposits is, in use, drawn through them.

CLASS 47E. I.C.-C10b 5/04, 5/12, 5/14.

138629.

REGENERATIVELY HEATED COKING OVEN.

Applicants: DR. C. OTTO & COMP. GMBH., OF 4630, BOCHUM, WEST GERMANY.

Inventors: ERICH SCHON.

Application No. 697/Cal/73 filed March 27, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A regeneratively heated coking oven battery having twin heating flues, the partial flues thereof forming first and second groups respectively, said first group having a rich gas burner discharging adjacent the bottom of each partial flue and the second group having a rich gas burner discharging at a point substantially above the bottom of each partial flue, the flues of both groups alternating with each other along the heating wall, characterised in that said two groups are connected to rich gas distribution main and to the regenerators as well as change-over elements for effecting the regenerative reversal, so that in one reversal period the first group is supplied with said rich gas, and the burned gases discharged through the partial flues of the second group, whilst in the other reversal period said second group is supplied with rich gas and the burned gases discharged through the first group.

CLASS 68B & 157C. I.C.-H01r 41/00, B601 5/00.

138630.

VOLTAGE RAIL.

Applicants: N. V. PHILIPS' GLOEILAMPENFABRIEK, AT EMMASINGEL, 29, EINDHOVEN, NETHERLANDS.

Inventors: CASPER ANTONIUS HENRICUS MULKENS & JOHANNES KURT BERTRAMS.

Application No. 544/Cal/73 filed March 12, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A voltage rail comprising an elongate support of an insulating synthetic material manufactured by means of extrusion and at least two current conductors which are incorporated in slots recessed in the support and which are accessible for contact members occurring on a current consumer suitable for co-operation with the voltage rail, characterized in that at least the support material occurring in the zone between the slots in thin-walled and encloses at least one cavity.

CLASS 95C+K. I.C.-B25b 13/00, 23/00, 1/00, 3/00,

25/00. B23b 31/02.

138631.

TOOL FOR FORM-LOCKINGLY HOLDING COMPONENTS OF DIFFERENT SHAPE AND SIZE, SUCH AS SCREW NUTS, SCREW HEADS OR THE LIKE.

Applicants: LACREX BREVETTI SA, OF VIA G. MOTTA, 6648 MINUSIO, SWITZERLAND.

Inventors: MAX PASBRIG.

Application No. 279/Cal/73 filed February 7, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A tool for form-lockingly holding components of different shape and size, in particular screw nuts, screw heads or the like which are of different sizes, comprising a housing, an outwardly open chamber in the housing, and a pack of bars which are arranged in the chamber and which lie against each other and against the inward surface of the wall of the chamber and which can be displaced back into the chamber against the action of a compression spring means, characterised in that the compression spring means comprises a spring pad means (4) which is adapted to the chamber in the housing and which comprises a resilient casing (5) and enclosed in the casing a compressible and/or displaceable medium, and that the bars (3) are provided with means which ensure that the bars engage with each other and with the housing, to prevent the bars from sliding out of the housing.

CLASS 153. I.C.-C09C 1/68.

138632.

METHOD OF PRODUCING ABRASIVE.

Applicants: NORTON COMPANY, OF 1 NEW BOND STREET, WORCESTER, STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventors: JOHN JACKSON SCOTT.

Application No. 2201/72 filed December 20, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A method for the production of abrasive grain from molten abrasive in which said molten abrasive is poured into a plurality of spaces defined by a plurality of relatively cold parallel graphite or metal plates having a melting point above 650°C. spaced apart from 1/2 inch to 1/16 inch and with a volume of the plates at least 3 times the volume of the spaces between the plates, the geometry of the spaces being such that at least 95 of the surface area of the poured abrasive in the mold is protected from the atmosphere by an adjacent mold surface during solidification, to solidify the molten abrasive rapidly without melting of said plates, and the solidified abrasive is separated from said plates and comminuted.

CLASS 32A₁, 62C₁ & 154H, I.C.-C09t 29/00, 29/16, 29/30, 62/74, 62/12

D06p 1/00, 1/02, 1/06.

138633.

PROCESS FOR THE PREPARATION OF NEW WATER-SOLUBLE REACTIVE DYESTUFFS.

Applicants: HOECHST AKTIENGESELLSCHAFT, OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

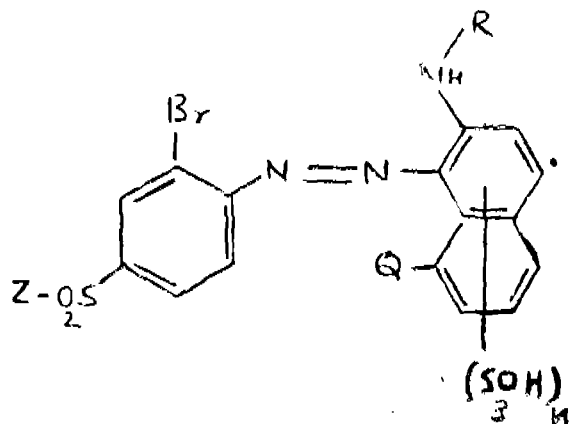
Inventors: FRITZ MEININGER, ERNST HOYER and HERMANN FUCHS.

Application No. 2180/72 filed December 18, 1972.

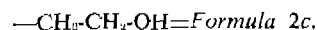
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

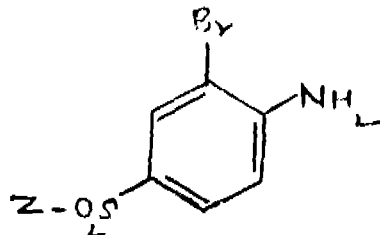
A process for preparing water-soluble azo dyestuffs of the formula (I).



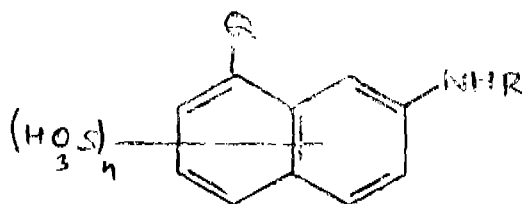
wherein R represents a hydrogen atom or a lower alkyl radical a cycloalkyl radical or an aryl radical, Q represents a hydrogen atom or a hydroxyl group and Z stands for one of the groupings of formulae (2a), (2b) and (2c).



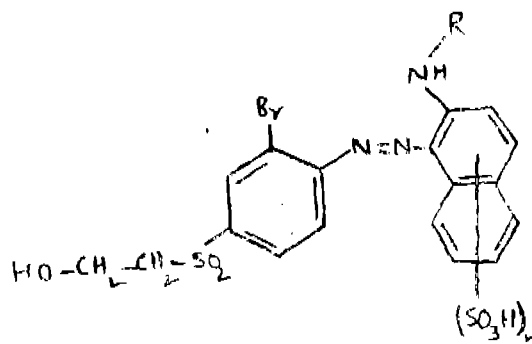
and n stands for the integer 1 or 2 which comprises diazotizing amines of the general formula (3).



wherein Z has the meaning given above and coupling them in a strongly acid to weakly acid pH range with 2-aminonaphthalene-sulfonic acids of the general formula (4).



wherein Q, R and n have the meanings as given above and if desired esterifying in a conventional manner the dyestuffs obtained which correspond to the general formula (2).



wherein Q, R and n have the meanings given above with sulfuric acid or amidosulfonic acid or optionally converting in a conventional manner the dyestuffs obtained of the formula (1) in which Z is a grouping of the formula (2a) into dyestuffs of the formula (1) having for Z the grouping of the formula (2b).

CLASS 32A₁, 62C₁ & 154H, I.C.-C09b 29/16.

138634.

PROCESS FOR THE PREPARATION OF NEW WATER-SOLUBLE AZO DYESTUFFS AND THEIR HEAVY METAL COMPLEXES.

Applicants: HOECHST AKTIENGESELLSCHAFT, OF 6230, FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

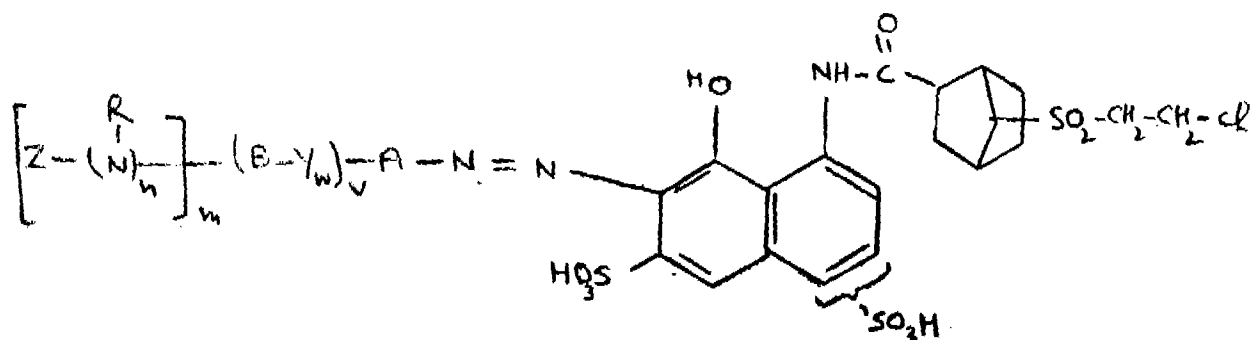
Inventors: ERWIN FLECKENSTEIN, ERNST HOYER and FRITZ MEININGER.

Application No. 1690/72 filed October 20, 1972.

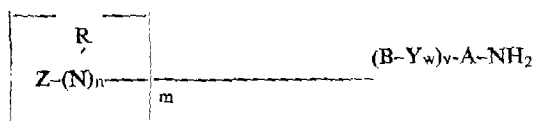
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

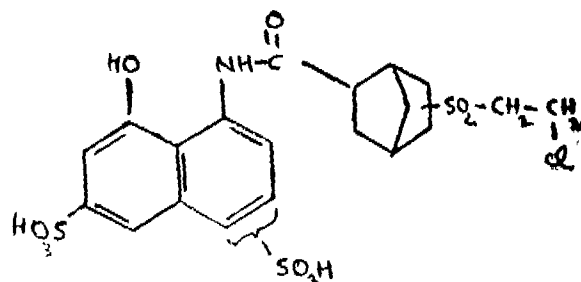
A process for preparing the reactive dyestuffs of the general formula (I).



wherein R represents hydrogen, alkyl, cycloalkyl and aralkyl, which radicals may be substituted, A represents an optionally substituted benzene or naphthalene nucleus, Z is a reactive group, as herein described n represents the number 0 or 1, m the numbers 1 or 2, v and w represent the numbers 0 or 1, Y is a -O-, -S-, -CO-, -SO2-, -CH=CH-, -CH2-, -NH-, -NHCONH-, -NHCO- or -NHSO2- group and B represents the radical of a n optionally substituted mono- or binuclear aromatic or 5 to 6 membered heterocyclic ring as herein described and A and B may contain as substituents sulfonic acid groups, -SO2NH2, SO2NH-alkyl-, -SO2-Nalkyl-, -SO2-N (alkyl) phenyl-, -SO2NH phenyl-, -S-alkyl-, NH-CH2-phenyl-, carboxylic acid groups, -CONH2-, -CONHalkyl-, CONalkyl-, -CONHAralkyl-, especially -CONH-CH2-C6H5-, COOalkyl-, arylsulfone, especially phenyl sulfone groups, whereby the phenyl radical may be substituted by chlorine, alkyl-, sulfo and carboxy groups; alkylsulfone, amino, alkylamino, phenyl-(alkyl)-amino, dialkylamino, alkyl-carbonylamino, arylcarbonylamino, especially benzoylamino, nitro-cyclohexyl, cyano, hydroxy, alkoxy, peroxo groups whereby the phenyl radical may be substituted by chlorine, alkyl, sulfo and carboxy groups; halogen atoms such as fluorine, chlorine, bromine, trifluoromethyl and alkyl groups, as well as heavy metal complexes of these dyestuffs, in which the aromatic radical A in its metal-free form carries in an ortho position to the azo group a hydroxyl or carboxyl group which comprises coupling a diazotized amine of the formula (V).



in which A, B, R, Y, Z, m, n, v and w have the meanings indicated above, with coupling component of the formula (VI).



in a slightly acidic or in a neutral medium or in a medium made alkaline by bicarbonate and, in order to convert the metal-free dyestuff obtained, if desired, into its heavy-metal complex-compound, reacting this metal-free dyestuff of formula (I) with metal-yielding agents of a metal having the ordinal number of from 24 to 30, such as copper sulfate, copper chloride, copper carbonate, chromium sulfate, chromium formate, cobalt sulfate, cobalt chloride or chromium alum.

CLASS 32F**b**, I.C.-C07d 51/06.

138635.

METHOD FOR THE PREPARATION OF PHTHALAZINO [2, 3-b] PHTHALAZINE-5 (14H), 12(7H)-DIONE.

Applicants: GRUPPO LEPETIT S.P.A., OF 8, VIA ROBERTO LEPETIT, MILAN, ITALY.

Inventors: ANACLETO GIANANTONIO, AND ANTONIO COCO.

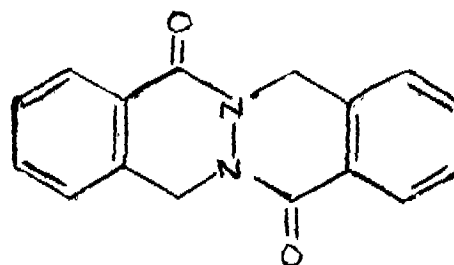
Application No. 699/Cal/74 filed March 28, 1974.

Convention date April 27, 1973/(20200/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A process for preparing phthalazino [2, 3-b] phthalazine-5 (14H), 12(7H)-dione of the formula II.



which comprises the reductive cyclization of a compound selected from phthalaldehydic acid azine, its salts, and its lower alkyl esters, by means of a reducing agent selected from

- a metal such as, for instance, zinc, tin and aluminum in an acid medium; and
- hydrogen gas in the presence of a hydrogenation catalyst.

CLASS 32C, I.C.-C07 g 7/00.

138636.

PROCESS FOR THE PREPARATION OF NOVEL IMMUNOGLOBULIN DERIVATIVES.

Applicants: TEIJIN LIMITED, OF 11, 1-CHOME, MINAMIHONMACHI, HIGASHI-KU, OSAKA, JAPAN.

Inventors: KATSUHIKO TOMIBE, YASUHIKO MASUHO, KIMIHIKO MATSUZAWA, SACHIO ISHIMOTO, KAZUO SATAKE, AND TSUNEO WATANABE.

Application No. 429/Cal/75 filed March 5, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A process for the preparation of immunoglobulin derivative such as herein described, which comprises reacting native immunoglobulin with

- a compound such as herein described, capable of forming tetrathionate ion, and

(B) a compound such as herein described, capable of forming sulfite ion in water, to cleave on the average 3 to 5 inter-chain disulfide bonds, or inter- and intra-chain disulfide bonds, or inter- and intra-chain disulfide bonds, of the native immunoglobulin, and S-sulfonating (S-SO₃) the so formed sulfur atoms.

CLASS 32F, I.C.-C07b 9/00.

138637.

PROCESS FOR THE PREPARATION OF N-FLUORINATED ACID AMIDES AND AMINES.

Applicants: RESEARCH INSTITUTE FOR MEDICINE AND CHEMISTRY INC., OF 49, AMHERST STREET, CAMBRIDGE, MASSACHUSETTS 02142, UNITED STATES OF AMERICA.

Inventors: ROBERT HENRY MESSE, AND DEREK HAROLD RICHARD BARTON.

Application No. 1484/Cal/73 filed June 26, 1973.

Convention date June 27, 1972/(30129/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims. No drawings

A process for the preparation of an N-monofluoro acid amide or an N-monofluoro- or N, N-difluoro-tertiary amine wherein an acid amide is reacted with a hypofluorite in which the fluoroxy group is bonded to an inert electron attracting group.

CLASS 32F.b. I.C.-C07d 51/70.

138638.

PROCESS FOR THE PREPARATION OF NITROGEN CONTAINING ACYCLIC ISOPRENOID COMPOUNDS.

Applicants: PIERREL S.P.A., OF VIA TURATI 30, MILAN, ITALY.

Inventors: SILVIA TRICERRI ZUMIN, MARIO RIVA AND GIUSEPPE IAFOLLA.

Application No. 385/Cal/73 filed February 20, 1973.

Convention date February 29, 1972/(9348/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for the preparation of the compound N¹-piperonyl-N⁴-3, 7, 11-trimethyl-2, 6, 10-dodecatrienylpiperazine and therapeutically acceptable non-toxic acid addition salts thereof, which comprises reacting a suitable halide such as herein described with a monosubstituted piperazine, and if desired converting the product into its therapeutically acceptable non-toxic acid addition salts in a known manner.

CLASS 129G. I.C.-B24 5/00, 5/40.

138639.

APPARATUS FOR MACHINING THE INSIDE OF LARGE CYLINDRICAL BODIES.

Applicants: SOCIETE NATIONALE DES POUDRES ET EXPLOSIFS, OF 12 QUAI HENRI IV, 75181 PARIS CEDEX 04, FRANCE.

Inventors: CHARLES BROUTIN AND LOUIS LANDILION.

Application No. 1192/Cal/73 filed May 22, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

Apparatus for machining the inside of large cylindrical bodies, comprising means for rotatably mounting a cylinder with its axis horizontal and with an open end thereof located within a sand-blasting booth, the cylinder being rotatable

about its axis, an elongated beam having its longitudinal axis substantially parallel with the cylinder axis, the beam being moveable in a direction parallel to the cylinder axis by means of a moveable carriage and receivable within the cylinder, and a machining component consisting of an abrasive spraying head and means for brushing, provided on the end of the beam receivable in the cylinder.

CLASS 32F.b. I.C.-C07C 13/46, C07C 15/20, C07C 79/02.

138640.

PROCESS FOR THE PREPARATION OF 2-NITROINDANE-1, 3-DIONE DERIVATIVES.

Applicants: BEECHAM GROUP LIMITED, OF BEECHAM HOUSE, GREAT WEST ROAD, BRENTFORD, MIDDLESEX, ENGLAND.

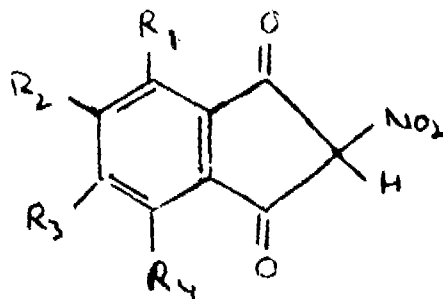
Inventors: DEREK RICHARD BUCKLE AND HARRY SMITH.

Application No. 1196/Cal/73 filed May 22, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A process for the preparation of a compound of formula (I).



or a pharmaceutically acceptable salt thereof, said compound or salt having anti-allergy properties, wherein R₁, R₂, R₃ and R₄ are each hydrogen or alkyl, alkoxy, aryl, aralkyl, pyridyl or halogen groups or any two adjacent groups R₁ and R₂, R₃ and R₄ or R₃ and R₄ may be joined in a carbocyclic or heterocyclic ring system, with the exception of the following compounds and salts thereof:

2-nitroindane-1, 3-dione

4, 5-dimethoxy-2-nitroindane-1, 3-dione

5-methoxy-2-nitroindane-1, 3-dione

4-chloro-2-nitroindane-1, 3-dione

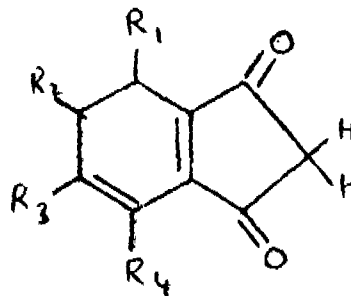
5-chloro-2-nitroindane-1, 3-dione

5-bromo-2-nitroindane-1, 3-dione

4-methyl-2-nitroindane-1, 3-dione

5-iodo-2-nitroindane-1, 3-dione

which process comprises nitrating in a manner such as herein described the parent indane-1, 3-dione of formula II.



wherein R₁, R₂, R₃ and R₄ are as hereinbefore defined, and if desired, reacting the resultant 2-nitroindane-1, 3-dione with a base to produce a pharmaceutically acceptable salt of the 2-nitroindane-1, 3-dione.

CLASS 55E, I.C.-A61K 23/00, 23/02,

C12K 5/00, 9/00,

138641.

PROCESS FOR OBTAINING AN IMMUNOLOGICAL PRODUCT CONTAINING ANTIBODIES EFFECTIVE TO CONTROL INTESTINAL INFECTIONS.

Applicants: AGENCE NATIONALE DE VALORISATION DE LA RECHERCHE (ANVAR), 13, RUE MADELEINE MICHELIS NEUILLY SUR SEINE (HAUTS-DE-SEINE) FRANCE.

Inventors: LEON LE MINOR.

Application No. 1584/Cal/73 filed July 7, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims. No drawings.

A process for obtaining an immunological product containing antibodies effective to control intestinal infections induced in the infant or young child by enterobacteria which are pathogenic to it, characterized in preparing suspensions containing the said enterobacteria, in immunizing a horse by injecting it subcutaneously with progressively increasing doses of said suspensions admixed with an adjuvant, each injection being separated from the following injection by a rest period during which the horse receives no injection, then in effecting on the same horse, after the last subcutaneous injection, several subcutaneous injections of said bacterial suspensions but without an adjuvant and that, after a long rest period after the last injection, the horse is bled to obtain the serum which constitutes the desired active immunological product.

CLASS 83A., I.C.-C12d 13/06.

138642.

A PROCESS FOR THE PRODUCTION OF COMESTIBLE DIGESTIBLE PROTEIN FROM CELLULOSIC MATERIALS.

Applicants: THE LOUISIANA STATE UNIVERSITY FOUNDATION, OF BATON ROUGE, LOUISIANA, UNITED STATES OF AMERICA.

Inventors: CLAYTON DALE CALLIHAN, VADAKE RAM SRINIVASAN AND CHARLES EDNARD DUNLOP.

Application No. 2349/Cal/73 filed October 22, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

A process for the production of comestible digestible protein useful as food, from cellulosic materials, which process comprises;

(a) Contacting the cellulosic material with aqueous alkali having a concentration of about 2—50 per cent by weight of the alkali or some other technique which effects lignin removal such as the sulfite digestion process;

(b) Heating the alkali-contacted cellulosic material in the presence of oxygen to a temperature between about 25 and about 100°C, whereby oxidation of the cellulosic material is effected;

(c) Subjecting the oxidized cellulosic material as a substrate to attack by bacteria at a temperature between about 25 and about 40°C under submerged aerobic conditions in an aqueous nutritive medium having a pH within the range of about 5 to about 9, the bacteria having been isolated by

(1) Obtaining a sample of naturally decaying cellulosic material;

(2) Cultivating bacteria from the sample of naturally decaying cellulosic material, utilizing a nutritive medium;

(3) Diluting a sample taken from the culture of bacteria by adding water and nutritive medium to said sample in an amount sufficient to mathematically afford an even chance of obtaining only one micro-organism when an aliquot of a given volume is subsequently removed from the diluted sample; 2—487GI/7!

(4) Removing aliquots of said given volume from the diluted sample and introducing small amounts of cellulosic material into each aliquot; and

(5) Cultivating and collecting the microorganisms in those aliquots wherein the cellulosic material is consumed; and

(d) Removing any insoluble substrate from the aqueous medium.

CLASS 83A., I.C.-C12d 13/06, C07g 7/00, A23j 1/18.

138643.

PROCESS FOR PRODUCING USABLE YEAST PRODUCTS.

Applicants: ANHEUSER-BUSCH, INCORPORATED, AT 721, PESTALOZZI STREET, ST. LOUIS, MISSOURI, UNITED STATES OF AMERICA.

Inventors: ROBERT WILLIAM SUCHER, (2) ERNEST ALECK ROBBINS (3) DANIEL ROBERT SIDOTI, (4) ERICH HENRY SCHULDT, JR. (5) ROBERT DUDLEY SEELEY AND JON ALBERT NEWELL.

Application No. 2574/Cal/73 filed November 22, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims

A process for producing usable yeast products such as yeast protein isolates yeast glycan and yeast extracts, comprising the steps of:

A. Growing in a known manner edible yeast cells,

B. Harvesting in a known manner the yeast cells,

C. Rupturing the yeast cells,

D. Separating the yeast cell wall insolubles from the solubles fraction, and optionally hydrolyzing in a known manner the nucleic acid in the solubles remaining after the separation by adding alkali to said solubles.

E. Recovering the yeast cell wall insolubles fraction, and if desired.

F. Separating the yeast protein from the solubles fraction,

G. Recovering the protein by conventional method and

H. Recovering the remaining solubles as yeast extract.

CLASS 32F.b, I.C.-C07d 49/38.

138644.

METHOD OF PREPARING 5(6)-BENZENE RING SUBSTITUTED BENZIMIDAZOLE -2-CARBAMATE DERIVATIVES HAVING ANTHELMINTIC ACTIVITY.

Applicants: SYNTEX, (U.S.A.) INC., OF 3401 HILLVIEW AVENUE, PALO ALTO, CALIFORNIA 94304, UNITED STATES OF AMERICA.

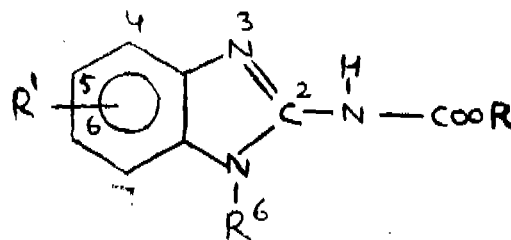
Inventors: COLIN CHARLES BEARD, JOHN ANSLEY EDWARDS AND JOHN HANS FRIED.

Application No. 2692/Cal/73 filed December 10, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

5 Claims

A method of preparing a compound represented by the formula (I).



and salts or N'-derivatives thereof,

where R is a lower alkyl group having 1 to 4 carbon atoms,

R¹ is -SOR², -SO₂R², -SCN, -SR⁵, -OR⁵ or M' (CH₂)_nMR⁷ where M and M' are independently O, S,

S, or S, R⁷ is lower alkyl having 1 to 4 carbon atoms or aryl

and n is 1-4, R² is lower alkyl having 1 to 6 carbon atoms, cycloalkyl having 3 to 7 carbon atoms, lower alkenyl or lower alkynyl having 3 to 6 carbon atoms, or aralkyl or aryl; and R⁵ is lower alkenyl, lower alkynyl, or aralkyl; and R⁶ is H;

said method comprising :

reacting a 1, 2-diamino-4(5)-R¹-substituted benzene where R¹ has the above meanings with a 1, 3-bis (alkoxycarbonyl)-S-alkyl-isothiourea to afford the compound of formula I; and, if desired, converting the compounds of formula I to the said salts or N'-derivatives in known manner.

CLASS 32F.b. I.C.-C07d 49/38.

138645.

PROCESS FOR THE PREPARATION OF 5(6)-BENZENE RING SUBSTITUTED BENZIMIDAZOLE-2-CARBAMATE DERIVATIVES HAVING ANTHELMINTIC ACTIVITY.

Applicants : SYNTEX (U.S.A.) INC., OF 3401, HILLVIEW AVENUE, PALO ALTO, CALIFORNIA 94304, UNITED STATES OF AMERICA.

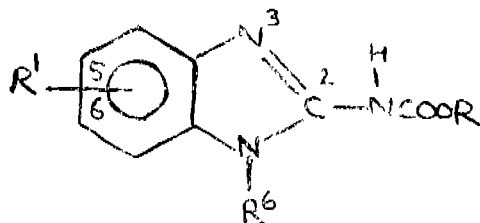
Inventors : COLIN CHARLES BEARD, JOHN ANSLEY EDWARDS AND JOHN HANS FRIED.

Application No. 1693/Cal/73 filed December 10, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

The method of preparing a compound represented by the formula I.



and salts or N'-derivatives thereof, where R is a lower alkyl group having 1 to 4 carbon atoms, R¹ is -SR⁵ or -OR⁵, R⁶ is substituted or unsubstituted aryl, and the R¹ substitution is at the 5(6)-position; and R⁰ is H; said method comprising reacting a 1, 2-diamino-4(5)-R¹-substituted benzene with a 1, 3-bis (alkoxycarbonyl)-S-alkyl-isothio-urea to afford the compound of formula I; and if desired, converting the compounds of formula I to the said salts or N'-derivatives in a known manner.

CLASS 32F.+I.C. C07d 99/24.

138646.

PROCESS FOR THE PREPARATION OF TRIFLUOROMETHYLMERCAPTO-ACETAMIDOCEPHALOSPORINS.

Applicants : SMITHKLINE CORPORATION, FORMERLY KNOWN AS SMITH KLINE & FRENCH LABORATORIES OF 1500 SPRING GARDEN STREET, CITY OF PHILADELPHIA, COMMONWEALTH OF PENNSYLVANIA, 19101, UNITED STATES OF AMERICA.

Inventors :—ROBERT MICHAEL DEMARINIS AND JOHN RUSSEL EUGENE HOOVER.

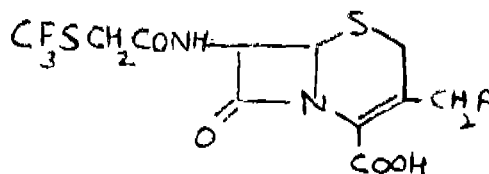
Application No. 1306/Cal/74 filed June 14, 1974.

Convention date July 6, 1973 (32261/73) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

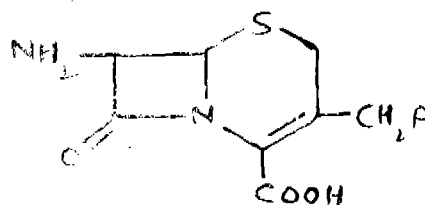
11 Claims

A process to prepare a compound of the formula I.



in which : A is hydrogen, acetoxy, pyridinium, methoxy, methylthio or S-Het;

Het is a 5 or 6 membered heterocyclic ring containing 1-4 hetero atoms selected from the group consisting of N, O and S and being unsubstituted or substituted with one or two groups selected from the group consisting of alkyl, alkoxy, alkylthio, each alkyl residue being one to four carbon atoms, C₆-C₁₀ cycloalkyl, halogen, hydroxy, mercapto, trifluoromethyl and NH₂; and R is hydrogen or C₁-C₆ alkyl, comprising acylation of a compound of the formula II.



where A is as defined above with an acylating or activated derivative as hereinbefore defined of

CF₃SCH₂COOH.

CLASS 32C+F.b+F.c & 55F.

138647.

I.C.-C07C 101/02, 101/08, 103/52, C07d 99/14, C07g 7/00, 7/02.

PROCESS FOR CARRYING OUT AN ENZYME-CATALYSED CONVERSION OF PENICILLINS.

Applicants : BAYER AKTIENGESellschaft, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Inventors : FRITZ HUPER, ERICH RAUENBUSCH, GUNTER SCHMIDT-KASTNER, BRUNO BOMER AND HERBERT BARTL.

Application No. 198/Cal/75 filed February 1, 1975.

Division of Application No. 635/Cal/73 filed March 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings

A process for carrying out an enzyme-catalysed conversion of penicillins comprising contacting a preparation of penicillinacylase bound to a cross-linked copolymer comprising the following copolymerised residues :—

A : 0.1 to 50 wt.% of at least one α , β -olefinically unsaturated dicarboxylic acid anhydride having 4 to 9 carbon atoms;

B : 99.9 to 50 wt.% of at least one di- and/or poly-(meth) acrylate of a diol and/or a polyol as hereinbefore defined;

the said copolymer having a bulk volume of 1.4 to 30 ml/g and a specific surface area of 1 to 500 m²/g, and containing, after saponification of the anhydride groups, 0.02 to 10 milliequivalents of acid per gram with a penicillin in water at a pH range of 6 to 9.

CLASS 32F.a. I.C. C07c 69/02, 101/24. 138648.

PROCESS FOR THE PREPARATION OF LYSINE PARA-ISOBUTYLPHENYL PROPIONATE.

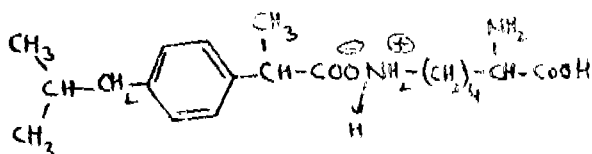
Applicants: NEOPHARMED S.P.A. OF BARANZATE DI BOLLATE, MILAN, ITALY.*Inventors*: ALBERTO REINER.

Application No. 374/Cal/75 filed February 27, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A method for the preparation of lysine para-isobutylphenyl-propionate having the formula shown in the accompanying drawings.



Characterized in that lysine base, is caused to react, with stirring, with p-isobutylphenyl-propionic acid.

CLASS 32F. I.C.-C07C 39/36. 138649.

METHOD FOR PURIFYING PENTACHLOROPHENOL.

Applicants: THE DOW CHEMICAL COMPANY, AT MIDLAND, COUNTY OF MIDLAND, STATE OF MICHIGAN, UNITED STATES OF AMERICA.*Inventors*: MASAO YOSHIMINE AND ERWIN HARRY KOBEL.

Application No. 1712/Cal/75 filed September 5, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings

A method for purifying pentachlorophenol by distilling the pentachlorophenol at from 190°C. to 270°C. under subatmospheric pressure comprising conducting the distillation in the presence of 0.1 to 10 weight percent, based on the pentachlorophenol, of a hydroxyl- or polyhydroxyl-containing compound selected from the group consisting of sugars, polyhydric alcohols, ethers of polyglycols and polyglycols.

CLASS 32F.b. I.C. C07d 49/38. 138650.

PROCESS FOR PREPARING BENZIMIDAZOLE-2-CARBAMATE DERIVATIVES.

Applicants: SYNTEX (U.S.A.) INC., OF 3401 HILLVIEW AVENUE, PALO ALTO, CALIFORNIA 94304, UNITED STATES OF AMERICA.*Inventors*: COLIN CHARLES BEARD, JOHN ANSLEY EDWARDS, AND JOHN-HANS FRIED.

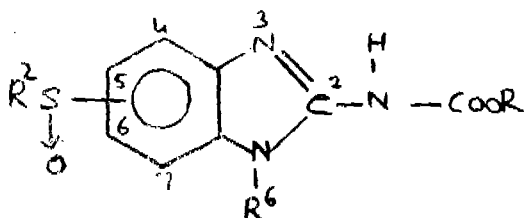
Application No. 1049/Cal/75 filed May 23, 1975.

Division of Application No. 2692/Cal/73 filed December 10, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A process of preparing a compound represented by the formula I.



or a salt or N'-derivative thereof, where R is a lower alkyl group having 1 to 4 carbon atoms, R² is lower alkyl having 1 to 6 carbon atoms cycloalkyl having 3 to 7 carbon atoms, lower alkenyl or lower alkynyl having 3 to 6 carbon atoms, or aralkyl or aryl; and R⁶ is H or a substituent which does not adversely affect the anthelmintic and/or antifungal properties of said compound;

R

the R² S-substitution being at the 5(6)-position; and process comprises oxidizing in a manner such as herein described a corresponding 5(6)-R²S-2-carbalkoxyaminobenzimidazole to afford the corresponding compound of Formula I; and optionally preparing in known manner a salt or N'-derivative of said compound of formula 1.

CLASS 32F.b. I.C.-C07d 49/38.

138651.

PROCESS FOR THE PREPARATION OF 5(6)-BENZENE RING SUBSTITUTED BENZIMIDAZOLE-2-CARBAMATE DERIVATIVES HAVING ANTHELMINTIC ACTIVITY.

Applicants: SYNTEX (U.S.A.) INC., OF 3401 HILLVIEW AVENUE, PALO ALTO, CALIFORNIA 94304, UNITED STATES OF AMERICA.*Inventors*: COLIN CHARLES BEARD, JOHN ANSLEY EDWARDS AND JOHN HANS FRIED.

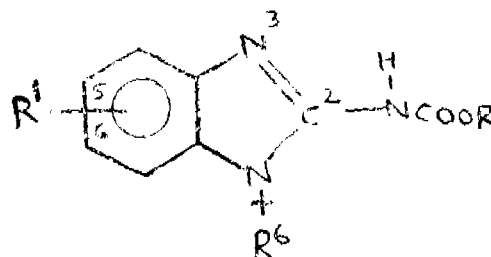
Application No. 1699/Cal/75 filed September 3, 1975.

Division of Application No. 2693/Cal/73 filed December 10, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

The method of preparing a compound represented by the formula I



and salts or N'-derivatives thereof, where R is a lower alkyl group having 1 to 4 carbon atoms, R¹ is -SR⁵ or -OR⁵, R⁵ is substituted or unsubstituted aryl, and the R¹ substitution is at the 5(6)-position; and R⁶ is H; said method comprising converting by a known method a 1, 2-diamino-4 (5)-phenoxy-benzene to 5(6)-phenoxy-2-amino-benzimidazole, and reacting said 5(6)-phenoxy-2-amino-benzimidazole with a lower alkyl haloformate to afford 5(6)-phenoxy-2-carbalkoxy-amino-benzimidazole; and if desired, converting the compounds of formula I to the said salts or N'-derivatives in a known manner.

CLASS 101G. I.C.-F04f 10/00.

138652.

IMPROVEMENTS IN OR RELATING TO SIPHONS FOR USE IN IRRIGATION AND THE LIKE.

Applicants & Inventor: EDDYA GOPALAKRISHNA RAO, OF ANAND ARAM, SARASWATH COLONY, P.O. KOTEKAR, SOUTH KANARA DISTRICT, MYSORE STATE, INDIA.

Application No. 51/Mas/72 filed December 23, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A siphon comprising two members each of which is provided with a chamber having an aperture; a tube interconnecting said chambers so as to permit liquid entering either chamb

through the corresponding aperture to flow out through the aperture of the other chamber; perforated hoods mounted, respectively, over the apertures of the said chambers, each perforated hood accommodating within it a float which is capable of movement sufficient only to enable it to rise freely over and open the corresponding aperture under the influence of its buoyancy in a liquid or under the force of discharge of liquid from said aperture, each such float being thus adapted, in the absence of such influence or force, to close the corresponding aperture, the arrangement being such that with the members and the tube primed and disposed in a siphonically operative position with one of the said members submerged in a liquid, the buoyant float of the submerged member is caused to open the aperture of the corresponding chamber to permit the entry of said liquid thereinto and enable said liquid to be discharged continuously through the aperture of the other chamber.

CLASS 129F+G+P. I.C.-B23b 11/00, B23b 39/28
B23b 39/02. 138653.

A MACHINE TOOL FOR OPERATING ON A WORK-PIECE.

Applicants: THE WARNER & SWASEY COMPANY, OF UNIVERSITY CIRCLE RESEARCH CENTER, 11000 CEDAR AVENUE, CLEVELAND, OHIO 44106, UNITED STATES OF AMERICA.

Inventors: GILBERT FRANCIS LUTZ.

Application No. 2736/Cal/73 filed December 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A machine tool for operating on a workpiece, said machine tool comprising a base, turret means rotatably mounted in said base for holding a plurality of tools for operating on the workpiece, said turret means including a movable turret bar, means for supporting said turret bar for axial and rotational movement relative to said base, and a turret head connected with one end portion of said turret bar, coupling means operable between an engagement condition holding said turret bar against rotation relative to said base and a disengaged condition in which said turret bar is rotatable relative to said base to rotate said turret head and change the position of tools on said turret means relative to a workpiece, said coupling means including a first coupling member connected with said base, a first set of teeth disposed in an annular array on said first coupling member, housing means fixedly connected with said first set of teeth and disposed in engagement with said turret bar for defining a main chamber, a second coupling member fixedly connected with said turret bar and disposed in said main chamber, and a second set of teeth disposed in an annular array on said second coupling member, said second coupling member cooperating with said housing means to form said main chamber into a first operating chamber disposed between said first and second coupling members and a second operating chamber disposed between said second coupling member and housing means, first surface means disposed on said first coupling member for partially defining said first operating chamber, second surface means disposed on said second coupling member in a fixed positional relationship with said turret bar for further defining said first operating chamber, third surface means disposed on said second coupling member in a fixed positional relationship with said turret bar for partially defining said second operating chamber, and fourth surface means disposed on said housing means in a fixed positional relationship with said first surface means for further defining said second operating chamber, control means for porting fluid under pressure to said first operating chamber to effect movement of said second coupling member in said main chamber in a direction away from said first coupling member under the influence of fluid pressure forces applied against said second surface means to separate said first and second sets of teeth to operate said coupling means from the engaged condition to the disengaged condition and for porting fluid under pressure to said second operating chamber to effect movement of said second coupling member in said main chamber in a direction toward said first coupling member under the influence of fluid pressure forces applied against said third surface means to move said first and second sets of teeth into engagement to operate said coupling means from the disengaged condition to the engaged condition.

CLASS 172D. I.C.-D01h 11/00. 138654.

METHOD AND APPARATUS FOR COLLECTING FIBER WASTE FROM OPEN-END SPINNING MACHINES.

Applicants: PARKS-CRAMER (GREAT BRITAIN) LIMITED, OF SUTHERS STREET, OLDHAM, LANCASHIRE, ENGLAND.

Inventors: JOHN HARRAP AND RICHARD GORDON STEWART.

Application No. 891/Cal/74 filed April 18, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 Claims

A method of collecting fiber waste generated as an incident of the operation of a plurality of rotor-type yarn spinning units of each of a plurality of open-end spinning machines and for preventing a conflagration in the event of a fire in the fiber waste emerging from the spinning units, said method comprising effecting a suction spinning air flow at the spinning units of each machine and into a respective duct communicating therewith by producing a suction airstream at an area downstream of and communicating with all of the respective ducts so that air flows along the ducts toward such area and through a separate primary filter for each duct, while entrapping fiber waste from the spinning units against the respective primary filters and retaining the fiber waste against the respective primary filters for a period to permit the extinguishing thereon of burning fiber waste which may ignite at the spinning units, periodically dislodging the entrapped fiber waste from the primary filters and causing the fiber waste being dislodged to be entrained in the air flow downstream of each respective primary filter without significant reduction in the spinning air flow, directing the thus dislodged and entrained fiber waste downstream to and against the upstream side of a secondary filter common to and downstream of all of the primary filters as the air flows through the secondary filter, and removing the collected fiber waste from the secondary filter.

CLASS 33D. I.C.-B22d 19/06. 138655.

METHOD OF REPAIRING HEAVY IRON ARTICLES, ESPECIALLY INGOT STOOLES AND INGOT MOULTS.

Applicants: HOOGOVENS IJMUIDEN BV, OF WENCKEBACHSTRAAT IJMUIDEN, THE NETHERLANDS.

Inventors: JAN SCHOKKENBROEK.

Application No. 20/Cal/74 filed January 3, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims. No drawings

Method of repairing a heavy iron article, especially a cast iron ingot stool or ingot mould used in the steel industry, wherein metal is supplied to the repair zone, the metal supplied having substantially the same composition as the metal of the article at the repair zone (the metal supplied possibly including alloying components which may be added to correct its composition, and flux and covering substances which may also be supplied), and by means of at least one arc electrode sufficient electrothermal energy is developed in the repair zone to maintain all the metal supplied and at least some adjacent metal of the article being repaired simultaneously molten for a substantial period of time, after which the repair zone is slagged off and the article is cooled slowly (British Patent No. 1325934), the method being characterised in that electrothermal power of at least 25 KVA is developed at the repair zone in a reducing environment for at least a substantial part of the repair.

CLASS 129J. I.C.-B21b 31/16. 138656.

ROLLING MILL MODULE.

Applicants: USS ENGINEERS AND CONSULTANTS, INC., AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Inventors : DONALD ALCWYN JONES, HOWARD SMITH ORR AND FRANCIS KENNETH QUALEY.

Application No. 615/Cal/73 filed March 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A module for a rolling mill having a frame, a first pair of rolls journaled on first parallel axes in the frame and a second pair of rolls journaled on second axes in the frame, the second axes being parallel to each other and perpendicular to the first axes, the second pair of rolls in the rolling position being spaced from the first pair of rolls by a distance which is less than the maximum diameter of any of the rolls plus four inches.

CLASS 27L. I.C.-E04C 3/00.

138657.

PRESTRESSED CONCRETE TIE.

Applicants : DYCKERHOFF & WIDMANN A.G., OF 8000 MUNCHEN 15, LESS INGSTRASSE 9, FEDERAL REPUBLIC OF GERMANY.

Inventors : FRITZ KLUGE AND HORST WUTZLER.

Application No. 733/Cal/73 filed March 30, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

Prestressed concrete tie with hair-pin shaped prestressing members running in longitudinal direction of the tie, put under stress after setting of the concrete against the same and transmitting to the concrete the tensional forces induced at the point of stay, characterised in that, at least two, preferably four hair-pin-shaped prestressing members (4, 5, 6, 7) are provided side by side in the sectional area of the tie in vertical or nearly vertical planes, and that there is provided inside the curvatures of each prestressing members an insert of steel following the curvature for receiving the transverse stress in the region of the curvature.

CLASS 102D & 166A. I.C.-E02b, B63b 35/28, B63b 35/30.

138658.

A HYDRAULIC OPERATING DEVICE FOR HOPPER BARGES.

Applicants : DEGGENDORFER WERFT UND EISENBAU G.M.B.H., OF WERFTSTRASSE 11, 8360 DEGGENDORF/DONAU, WEST GERMANY.

Inventors : GEORG ONDERKA.

Application No. 765/Cal/74 filed April 4, 1974.

Convention date August 30, 1973. (40769/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A hydraulic operating device for a hopper barge consisting of two ship-halves connected to one another pivotably in longitudinal direction with one working cylinder disposed at one end of the hopper barge and which is connected by means of a pressure-line to a pressure medium pump and by means of a return-line to a pressure-medium container and in which a three-stage switching mechanism is interposed for alternate loading of the working cylinder, characterised in that in a manner known per se at the other end of the hopper barge a second working cylinder is provided and is connected by means of a common pressure-line to the first working cylinder, in that in the vicinity of the second working cylinder an auxiliary pressure-medium container is disposed which is connected to this working cylinder by means of a suction-line and to the main pressure-medium container by means of an equalising line, in that in a manner known per se a connecting line is provided between the two sides of the second working cylinder with a non-return valve and a further non-return valve is provided in the pressure-line leading to the second working cylinder.

CLASS 139A. I.C.-C01b 31/06.

138659.

METHOD OF PRODUCING DIAMOND.

Applicants : DE BEERS INDUSTRIAL DIAMOND DIVISION LIMITED, OF 8th FLOOR, 45 MAIN STREET, JOHANNESBURG, TRANSVAAL, REPUBLIC OF SOUTH AFRICA.

Inventors : GEOFFREY HARVEY GREENHALGH, ROGER JOHN WEDLAKE AND PIETER WILLEM GIDEON DE JAGER.

Application No. 1364/72 filed September 8, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

A method of producing diamond comprising the step of subjecting in known manner a carbon-containing material, as herein defined, said material being substantially free from carbon-hydrogen covalent bonds, to conditions of temperature and pressure below 2000°C and 100 kilobars, respectively, such as to cause decomposition of the material to release carbon atoms or groups of carbon atoms and effect conversion of the released carbon atoms or groups of carbon atoms into diamond.

CLASS 62C. I.C.-D06p 1/02, 1/18.

138660.

PROCESS FOR THE PREPARATION OF FAST DYEINGS OR PRINTS ON SYNTHETIC FIBER MATERIALS AND SYNTHETIC MATERIALS DYED OR PRINTED BY SAID PROCESS.

Applicants : HOECHST AKTIENGESELLSCHAFT, OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

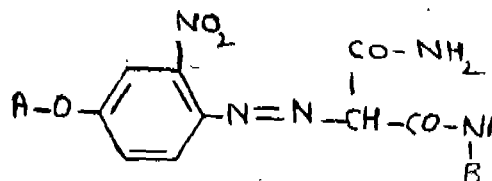
Inventors : MARIA KALLAY, KARL-HEINZ KRELL AND WILLI STECKELBERG.

Application No. 368/Cal/73 filed February 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

A process for the preparation of fast dyeings or prints on synthetic fiber material, wherein said fibrous material is treated with a dyestuff of the general formula (1).



in which A stands for an alkyl group having 1 to 4 carbon atoms which may be substituted by a hydroxy, alkoxy, phenoxy and/or acyloxy group, and B stands for a naphthyl radical or a phenyl radical which may be substituted by a halogen atom, an alkyl and/or alkoxy group, each having 1 to 4 carbon atoms, a trifluoromethyl, cyano, nitro, carboalkoxy, acetyl, benzoyl and/or phenyl group, the alkoxy groups thereof containing 1 to 4 carbon atoms, in an aqueous dispersion or in an organic solvent.

CLASS 40B. I.C.-B01j 11/12, 11/64.

138661.

A PROCESS FOR THE PREPARATION OF NAPHTHA REFORMING CATALYST.

Applicants & Inventors : GDAL NOSSONOVICH MASLYANSKY, OF MOSKOVSKY PROSPEKT, 189, KV. 64, LENINGRAD, USSR, (2) BORIS BORISOVICH ZHARKOV, OF SUVOROVSKY PROSPEKT, 61, KV. 31, LENINGRAD, USSR, AND (3) SOFYA ABRAMOVNA BARKAN, OF ULITS A SHOTMANA, 18, KV. 60, LENINGRAD, USSR.

Application No. 1945/Cal/73 filed August 23, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings

A process for the preparation of naphtha reforming catalyst comprising 0.1—1 weight percent platinum, 0.1—3 weight percent chlorine and 0.5—15 weight percent cadmium and sometimes fluorine in amounts of 0.3—1.25 weight percent supported on alumina, characterized in that the said catalyst being prepared by co-precipitation of aluminium hydroxide and active components of the catalyst from their salts or from other compounds as hereinbefore described by impregnating 8-alumina granules with water solutions of active components like chloro-platinic acid, hydrochloric acid and cadmium chloride; the catalyst then dried and calcined in the air flow or in the flow of nitrogen at a temperature of from 250—550°C followed by reduction of the catalyst with hydrogen at temperature of from 400—500°C.

CLASS 32F_{2a} & 55E_{2a}+E₄. I.C.-C07C 103/19. 138662.

PROCESS FOR THE PRODUCTION OF 6- α -DEOXY-TETRACYCLINES.

Applicants: PFIZER INC., OF 235 EAST 42ND STREET, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

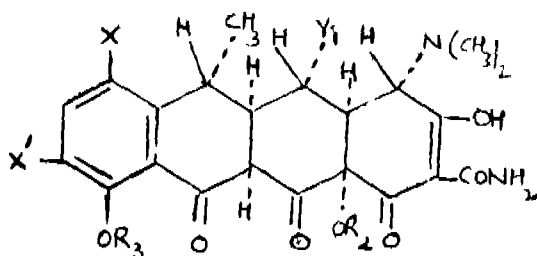
Inventors: THOMAS MOTT BRENNAN AND HERMANN FAUBL.

Application No. 171/Cal/74 filed January 25, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

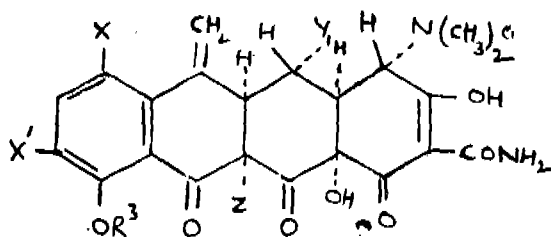
12 Claims

A process for the production of a 6- α -deoxytetracycline of formula V.



wherein X is selected from the group comprising hydrogen, chloro, bromo and iodo; X' is selected from the group comprising hydrogen, amino, lower alkanoylamino, and nitro; each of R₁ and R₂ are selected from the group comprising hydrogen, alkanoyl, phenoxyalkanoyl, lower alkoxyalkanoyl, mono- and dichloroalkanoyl, and mono- and dibromoalkanoyl wherein the alkanoyl group has from 2 to 6 carbon atoms;

Y₁ is selected from the group comprising hydrogen and OR, wherein R₁ is hydrogen, alkanoyl, phenoxyalkanoyl, lower alkoxyalkanoyl, mono- and dichloroalkanoyl and mono- and dibromoalkanoyl wherein the alkanoyl group has from 1 to 5 carbon atoms by reduction of a 6-methylene-tetracycline of the formula VI.



and acid addition salts thereof wherein X, X', Y₁ and R₃ are as defined above and Z is halo selected from chloro and bromo the reduction being with hydrogen in the presence of a catalyst

which comprises a complex of rhodium with a tertiary phosphine of the Formula :



wherein each of R₁ and R₂ is selected from the group consisting of phenyl and substituted phenyl wherein the substituent is selected from the group consisting of halo, alkyl, alkoxy and dialkylamino; and

R₃ is selected from the group consisting of R₁, alkyl and benzyl, the reduction being effected, in a solvent medium in which the tetracycline compound and the catalyst are soluble.

CLASS 32F₁+F_{2b} & 55D. I.C.-C07d 49/38, A01n 9/22.

138663.

PROCESS FOR THE PREPARATION OF BENZIMIDAZOLE DERIVATIVES.

Applicants: ROUSSEL-UCLAF, OF 35, BOULEVARD DES INVALIDES, PARIS 7 EME, FRANCE.

Inventors: JACQUES PERRONNET, AND PIERRE GIRAULT.

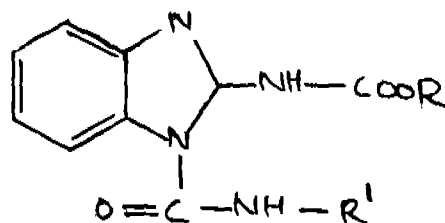
Application No. 975/Cal/74 filed April 30, 1974.

Convention date September 20, 1973/(1681/73) EIRE.

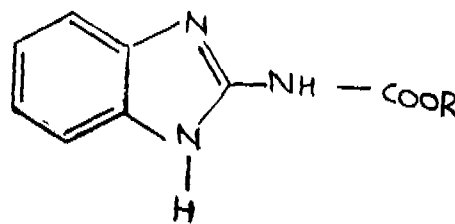
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

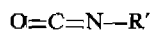
A process for the preparation of a compound of the general formula I.



(wherein R represents a methyl or ethyl group; and R' represents a tetrahydrofurfuryl radical, a saturated or unsaturated oxygenated heterocycle having 4 or 5 carbon atoms, or an acyl radical Z-CO-, Z being an unsaturated aliphatic radical having from 2 to 4 carbon atoms and bearing at least two halogen atoms), in which an appropriate alkyl benzimidazolyl-carbamate of the general formula II.



(wherein R is as defined hereinbefore) is reacted with an isocyanate of the general formula III.



(wherein R' is as defined hereinbefore) to give the desired compound of formula I.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings, Street, Calcutta, at two rupees per copy :—

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106027 106107 106185 106278 106396 106585 106611 107114	137163 137169 137172 137180 137359.

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field Chemical Industry are not being commercially worked in India as admitted by the patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970, in respect of Calendar year 1974 generally on account of want of requests for licences to work the patented inventions. Persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purpose.

Sl. No.	Patent No.	Date of Patent	Name & address of the Patentee	Brief Title of the Invention
1	2	3	4	5
1.	115161	20-4-1972	Societe d'Etudes et d' Applications Bio Chimiques and another, 20 rue de Versailles, Jouy-en-josas, Yvelines, France.	Urate oxidase.
2.	115237	2-4-1968	Produits Chimiques Pechiney-Saint-Gobain, 16 Avenue Matignon, Paris 83, France.	Reticulated substances produced from vinyl chloride compositions containing vinyl acetate.
3.	115238	2-4-1968	Do.	Reticulated substances produced from vinyl chloride compositions.
4.	115248	3-4-1968	Karamchand Premchand Pvt. Ltd., Post Box No. 28, Ahmedabad, Gujarat State, India.	N-(B-trinethylammoniumthyl)-hexamethylene tetrammonium dichloride.
5.	115285	20-4-1972	Pfizer Inc, 235 East 42nd Street, New York, York, State of New York, U.S.A.	Pyrimido-benzothiazines.
6.	115300	5-4-1968	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Carboxylic acids and esters.
7.	115449	20-4-1972	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	Ortho substituted 2-phenyl-imine-1-are-cycloalkanes.
8.	115693	20-4-1972	Eli Lilly and Company, 740 South Alabama St., City of Indianapolis, State of Indiana, U.S.A.	Converting a penicillin sulfoxide ester to a cephalosporin antibiotic.
9.	115800	7-5-1968	Snam Progetti S. p. A., of 16, Corso Venezia, Milan, Italy.	Urea.
10.	115872	20-4-1972	Boehringer Ingelheim GmbH, Ingelheim am Rhein, Federal Republic of Germany.	1-phenoxy-2-hydroxy-3-alkylamine derivatives.
11.	115916	14-5-1968	Sumitomo Metal Industries Ltd., No. 15, 5-chome, Kitahama, Osaka-shi, Japan.	Iron making process.
12.	115976	20-4-1972	May & Baker Ltd., Dagenham, in the county of Essex, England.	Salts of 3-indole-4-hydroxy-5-nitrobenzotrile.
13.	116153	20-4-1972	Pfizer Inc., 235 East 42nd St., New York-17, State of New York, U.S.A.	1,3(2h, 4h)-dioxoisoquinoline-4-carboxamides.
14.	116318	11-6-1968	Foster Wheeler Corporation, 110 South Orange Avenue, Livingston, New Jersey, U.S.A.	Ammonia.
15.	116544	28-6-1968	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	An autogenously bonded linear polyamide article.
16.	116552	28-6-1968	Snam Progetti S.p.A., 16, Corse Venezia, Milan, Italy.	Ureas.

1	2	3	4	5
17.	116647	20-4-1972	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Separation of Microbial cells from hydrocarbon fermentation broth.
18.	116968	27-7-1968	Snam Progetti S.p.A., Corso Venezia, Milan, Italy.	Urea having a low carbonate content.
19.	117052	20-4-1972	Societe D'Etudes De Produits Chimiques, 16 rue Kleber, 92 Isay-Les-Moulineaux, France.	Novel esters derived from 5-nitro quinoline line and therapeutic compositions containing same.
20.	117108	5-8-1968	Snam Progetti s.p.A., 16, Corso Venezia, Milan, Italy.	Ethylene oxide.
21.	117193	9-8-1968	Do.	Vulcanizable amorphous olefinic terpolymers.
22.	117200	20-4-1972	Sankyo Company Ltd, No. 1-6, 3-chome, Nihonbashi Hon-cho, Chyuo-ku, Tokyo, Japan.	Preparation of estrane compound by fermentation.
23.	117214	20-4-1972	ICI Australia Ltd., 1, Nicholson St, Melbourne, Victoria, Australia.	DL-tetramisole.
24.	117678	20-4-1972	Eli Lilly Co, 740 South Alabama St, Indianapolis, Indiana, U.S.A.	Esters of penicillin or penicillin sulfoxide.
25.	117742	20-4-1972	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	2-methyl-3-carboxypic acid a mido quinoxaline.
26.	117743	20-4-1972	Do.	2-methyl-3-amidino-quinoxaline-di-N-oxides.
27.	117868	3-10-1968	Kaiser Aluminum & Chemical Corporation, 300 Lakeside Drive, Oakland, California 94643, U.S.A.	Anode effect termination.
28.	117873	3-10-1968	Mississippi Chemical Corporation, at Highways 49 East, Yazoo City, State of Mississippi, U.S.A.	Concentrated solutions of mixed ammonium salts of boric, phosphoric and sulfuric acids.
29.	118433	20-4-1972	Pfizer Inc, 235 East 42nd St, New York 17, State of New York, U.S.A.	2-amino-6, 7, disubstituted-4, 1, 3-benzothiazine-4-ones.
30.	118821	20-4-1972	Stamcarbon N.V., Der Maesenstraat 2, Heerlen, The Netherlands.	Aqueous solution containing lysine monohydrochloride.
31.	118883	20-4-1972	Pfizer Inc, 42nd St, New York, 17, State of New York, U.S.A.	4. aminofuro pyrimidenes.
32.	118967	20-4-1972	Do.	1-(2-amino-4-quinazolinyl) ureas.
33.	118990	12-12-1968	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Hercaptons and sulfides.
34.	119176	20-4-1972	Pfizer Inc, 235 East 42nd St, New York 17, State of New York, U.S.A.	Acylpenicillins.
35.	119368	20-4-1972	Scherico Ltd., of Topferstrasse 5, Lucerne, Switzerland.	Dehydrohalogenation of 3-keto-2, 4-dihalogen steroids.
36.	119423	20-4-1972	Pfizer Corporation, 102 rue Leon Theodor, Jette, Brussels 9, Belgium.	Hexahydro pyrazinoquinolines.
37.	119526	24-7-1967	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	N-(1-Alken-1-yl) ureas.
38.	119527	24-7-1967	Do.	N-(1-cyclohexen-1-yl) ureas.
39.	119674	20-4-1972	Stamcarbon N.V., Van der Maesenstraat 2, Heerlen, The Netherlands.	Optical separation of methicline nitrile
40.	119801	11-2-1969	Snam Progetti S.p.A., of 16, Corso Venezia, Milan, Italy.	Catalytic hydrogenation of hydrocarbons for the production of lubricating oils.
41.	120006	20-4-1972	Kyowa Hakko Kogyo Co Ltd, 4, Ohtemachi-1-chome, Chiyoda-ku, Tokyo, Japan.	D-lysine.
42.	120199	20-4-1972	Pfizer Inc, 235 East 42nd St, New York 17, State of New York, U.S.A.	Caphalos porins.
43.	120369	17-3-1969	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Inhibiting premature vulcanisation of diene rubbers and diene rubber vulcanisable compositions.

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44.	120817	9-4-1969	Monsanto Company 800 North Lindbergh Boulevard, St. Louis, Missouri 63166' U.S.A.	Mutually bonding synthetic linear polymeric articles.
45.	120955	20-4-1972	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	A protein-and vitamin-rich product.
46.	121369	20-4-1972	Zaidan Hojin Biseibutsu Kagaku Ken Kyukai, 403, Nakamaru Kamksaki, Shinagawa-ku, Tokyo.	Process for removing copper from copper-containing beleomycin.
47.	121397	20-4-1972	Pfizer Inc 235 East 42nd Street, New York-17, State of New York, U.S.A.	Quinoxaline-di-N-oxides.
48.	121539	20-4-1972	Do.	Do.
49.	121670	5-6-1969	Ajinomoto Co., Inc., No. 7, 1-chome, Takara-cho, Chuo-ku, Tokyo, Japan.	Enriched artificial rice.
50.	121974	24-6-1969	Snam Progetti S. p. A., 16, Corso Venezia, Milan, Italy.	Fibres containing enzymes.
51.	122040	20-4-1972	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	N-diaryl-pyridyl-methyl imidazoles and their salts.
52.	122095	3-7-1969	Ajinomoto Co Inc., No. 7, 1-chome, Takara Chuo-ku, Tokyo, Japan.	Artificial rice with enriching materials.
53.	122465	20-4-1972	Dr. Karl Thomae GmbH., of Biberach an der Riss, Federal Republic of Germany.	Indolines.
54.	122575	20-4-1972	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	3-carboxylic acid amido quinoxaline-di-N-oxides.
55.	122952	20-4-1972	Pfizer Inc, 235 East 42nd St, New York-17, State of New York, U.S.A.	Arylchloro carbonyl ketones.
56.	123241	20-4-1972	Istituto Nazionale Chimico Biologico S.R.I., 15, Viale Glustinianno Imperatore, Rome, Italy.	Process for preparing de-proteinized blood extract having healing actions.
57.	123255	20-4-1972	Pfizer Inc, 235, East 42nd Street, New York-17, New York, U.S.A.	Alkali metal salts of L-carboxybenzyl penicillin.
58.	123264	24-9-1969	Mitsubishi Jukogyo Kabushiki Kaisha, 10, Marunouchi-2-chome, Chiyoda-ku, Tokyo, Japan.	Reactor for producing high viscous polymers.
59.	123379	20-4-1972	Stancarbon N. V., Van der Maesenstraat 2, Heerlen, The Netherlands.	Salt of optically active lysine.
60.	123441	20-4-1972	Pfizer Inc, 235 East 42nd Street, New York-17, State of New York, U.S.A.	Conversion of alpha-carboxy benzylpenicillins to 2-carboxybenzylpenicillins.
61.	123476	20-4-1972	Do.	Substituted triazine-3, 5, (2, 4, 4, 4,) diones.
62.	123808	30-10-1969	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Agricultural composition for modifying the sequential development of plants comprising nitrilo compounds.
63.	123825	20-4-1972	Bayer Aktiengesellschaft, Leverkusen, Federal Republic of Germany.	Purification of an inhibitor of callicrein and trypsin.
64.	123829	20-4-1972	Do.	Preparation of fibrinolytic kinases from the micro-organisms.
65.	123931	20-4-1972	Do.	N-substituted imidazoles and their salts.
66.	124525	20-4-1972	Labaz, 39, Avenue Pierre Ier de Sorbie, 75008 Paris, France.	Substituted oxepine derivatives.
67.	124531	20-4-1972	C.E.R.P.N.A. (Centre Europeen de Recherches Pharmacologiques), 71 Avenue Laplace, Arcueil, Val de Marne, France.	Preparation of basic aryloxyacetamides the compounds so prepared and pharmaceutical compositions.
68.	124545	22-12-1969	Snam Progetti S.p.A., 16, Corso Venezia, Milan Italy.	Ureas.
69.	124558	23-12-1969	Benilite Corporation of America, of 233, Broadway, New York, New York 10007, U.S.A.	Beneficiation of ipomenite.

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70.	124607	27-12-1969	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Reinforced polyamide compositions.
71.	124663	5-4-1968	Do.	Catalyst composition for use in the transformation of reactants.
72.	124827	13-1-1970	Do.	Curing elastomeric articles.
73.	124863	20-4-1972	Asahi Kasei Kogyo Kabushiki Kaisha, of 25-1, Dojimahamadori-1-chome, Kita-ku, Osaka, Japan.	Cultivation of hydrocarbon consuming yeasts.
74.	124946	20-1-1970	Grain Processing Corporation, 1600, Oregon Street, Muscatine, Iowa 52761, U.S.A.	Recovery of protein from a protein containing materials.
75.	125133	20-4-1972	Stamicarbon N. V., Van der Maesenstraat 2, Heerlen, The Netherlands.	Y-cyano butyraldimines.
76.	125134	20-4-1972	Stamicarbon N. V., Van de Maesenstraat 2, Heerlen, The Netherlands.	Y-cyano butyraldehyde.
77.	125136	20-4-1972	Zaiden Hojin Biseibutsu Kagaku Kenkyu Kai, 403, Nakamaru, Kaniyosaki, Shinagawa, Ku, Tokyo, Japan.	Antibiotics Bleomycin.
78.	125472	20-4-1972	Stamicarbon N. V., van der Maesenstraat 2, Heerlen, The Netherlands.	Preparation of 5-(3-cyanopropyl)-hydantion).
79.	125482	26-2-1970	Ashland Oil Inc, 1409 Winchester Avenue, Ashland, Kentucky, U.S.A.	Improved furan prepolymer and binder composition containing said prepolymer.
80.	125582	4-3-1970	Rhone-Progil, 25 Quai Paul Doumer, 92408 Courbevoie, France.	Anti-fouling composition.
81.	125600	2-4-1965	Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London, S.W. 1., England.	Bis-quarternary salts of 4, 41-pipyridyls.
82.	125603	20-4-1972	Pfizer The 235 East 42nd St., New York-17, New York, U.S.A.	Direct mono-esterification of anylmalonic acids.
83.	125642	9-3-1970	National Patent Developing Corp., 375, Park Avenue, New York, New York, U.S.A.	Hydrophylic polymer coating for under water structures.
84.	125686	11-3-1970	Farbwerke Hoechst, of 45, Brunning Strasse, Frankfurt/Main, Federal Republic of Germany.	Colouring polyamide or polyurethane fibres with anthraquinone-azo dyestuffs.
85.	125778	18-3-1970	May & Baker Ltd, Dagenham, Essex, England.	Preparation of methyl P-aminobenzen sulphonyl carbonate.
86.	125818	20-4-1972	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	Purifying solutions of the foot and mouth disease virus.
87.	125842	21-3-1970	Stamicarbon N. V., van der Maesenstraat 2, Heerlen, The Netherlands.	Continuous preparation of polymer.
88.	125991	30-3-1970	Sham Progetti S.p.A., 16, Corso Vanezia, Milan, Italy.	Purification of urea solutions.
89.	125988	30-3-1970	Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Isopropylideneaminoethanol salt of P-nitro benzene sulfonylurea and herbicidal compositions.
90.	126007	31-3-1970	United States Borax & Chemical Corp., 3075 Wilshire Boulevard, Los Angeles, California, U.S.A.	Herbicide composition containing halo dinitro 1, 3 phenylenediamines.
91.	126022	1-4-1970	Abraham Kogan, 35A, Trumpeldor Avenue, Neve Shaanm, Haifa, Israel.	Apparatus for producing a-liquid in which heat and/or mass is transferred there to from another liquid.
92.	126047	3-4-1970	Polysar Ltd, of Sarnia, Ontario, Canada.	Porous compositions.
93.	126095	7-4-1970	Nippon Kokan Kabushiki Kaisha, 1-3, Chome, Otemachi, Chiyoda-ky, Tokyo.	Carbon ferro alloy.
94.	126121	9-4-1970	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Production of water soluble varnished for coating from cardanol.

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95.	126191	14-4-1970	Farbwerke Hoechst Aktiengesellschaft, Vormals Meister Lucius Brunning, 45 Brunningstrasse, Frankfurt/Main, Federal Republic of Germany.	Mono sulfonic acids of triphenyl methane dyestuff.
96.	126193	14-4-1970	Deutsche Gold-und Silver-Scheideanstalt, Vormals Rossler, 9. Weisstranenstrasse, Frankfurt (Main), Federal Republic of Germany.	Regeneration of used catalyst in the manufacture of hydrogen peroxide by the anthraquinone process.
97.	126202	14-4-1970	Mississippi Chemical Corporation, 49 East, Tazoo City, State of Mississippi, U.S.A.	Stabilized $\text{NH}_4\text{NO}_3\text{-Ca CO}_3$ fertilizer composition.
98.	126215	16-4-1970	Breveteam S.A., of Chemin Riedle 13, 1700 Fribourg, Switzerland.	Process for producing a net structure from a plastics film or sheet material.
99.	126223	20-4-1972	Sankyo Co Ltd, 1-6, 3-chome, Nihonbashi Hancho, Chuoken, Tokyo, Japan.	2-hydroxyidole-3-dithio carboxylic ester derivatives.
100.	126267	20-4-1970	Societe Pour La Recherche Et Le Development Technologique S.A., Rue Cesar Soulie 5, 1260 Nyon, Switzerland.	Production of a continuous molded plastic strip having thereof upstanding hook.
101.	126391	27-4-1970	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1, India.	Tartaric acid.
102.	126397	28-4-1970	Rhone-Poulenc S.A., 22 Avenue Montaigne, Paris 8e, France.	Cation exchange resin.
103.	126514	20-4-1972	Medical Service GmbH, D-8000 Munchen 70, Konrad-Celtis-Str, 14a, Federal Republic of Germany.	Magnesium orotate amino acid salts or complexes.
104.	126547	6-5-1970	Deutsche Gold-und Silver-Scheideanstalt, Vormals Rossler, 9 Weisstranenstrasse, Frankfurt (Main), Federal Republic of Germany.	Replenishment of the salts used in carbonization process carried out in a salt bath.
105.	126567	8-5-1970	USS Engineers and Consultants, Inc, 525 William Penn Place, Pittsburg, State of Pennsylvania.	Protecting a sheet being electro plated with a metal.
106.	126572	8-5-1970	Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius Brunning, 45 Brunning Strasse, Frankfurt/Main, Federal Republic of Germany.	Water insoluble monoazo dyestuffs.
107.	126625	12-5-1970	Do.	Basic oxazine dyestuffs and process for dyeing and printing textile materials therewith.
108.	126635	20-4-1972	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	Process for preparing new phenyl-inidanzolyl tatry and derivatives.
109.	126669	14-5-1970	Shell Internationals Research Maatschapij, N.V., of 30, Carel van Bylandtlaan, The Hague, The Netherlands.	Lubricating oil compositions.
110.	126670	20-4-1976	Pfizer Corporation, Calls 150, Avenida Santa, Isabel, Colon, Republic of Panama.	Sulphonamides.
111.	126702	20-4-1972	Rhone-Poulenc S. A., 22 Avenue Montaigne, Paris. 8e, France.	New benezofuran derivatives.
112.	126723	20-4-1972	Pfizer Corporation, 102 Rue Leon Theodor, Jette, Brussels 9, Belgium.	Ortho-substituted phenoxy amine.
113.	126780	23-5-1970	Hercules Incorporated, 910 Market Street, City of Wilmington, State of Delaware, U.S.A.	Nonwoven fabrics.
114.	126786	23-5-1970	Bayer Aktiengesellschaft, Federal Republic of Germany.	Sulphur dioxide.
115.	126790	25-5-1970	Unilever Ltd, Unilever House, Blackfriars, London, E. C. 4, England.	Flavouring agents for foods.
116.	126800	25-5-1970	Snam Progetti S.p.A., 16, Corso Vanezia, Milan, Italy.	Pallets of urea having a low binret content.
117.	126838	27-5-1970	Porvair Ltd, Estuary Road, North Lynn, Kings Lynn, Norfolk, England.	Recovering dimethyl farmemide.

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118.	126849	20-4-1972	The Wellcome Foundation Ltd, 183—193 Euston Road, London, N. W. 1.	Pyrazole pyrimidine derivative.
119.	126855	28-5-1970	Universal Oil Products Co, No-30 Algonquin Road, Des Plaines, State of Illinois, U.S.A.	Endothermic catalytic conversion of hydrocarbons.
120.	126856	28-5-1970	Shell Internationale Research Maatschappij N.V., 30, Carel Van Bylandtlaan, The Hague, The Netherlands.	Contacting a gas mixture with solid substance.
121.	126871	30-5-1970	Hindustan Lever Ltd, Hindustan Lever House, 65--166 Backbay Reclamation, Bombay-400020.	Toilet bar containing a polyethyleneoxide quaternar ammonium compound.
122.	126887	1-3-1970	Sankyo Co. Ltd, 1—6, 3-chome, Nihonbashi Honcho, Chuokum Tokyo.	Esters chrysanthemic acid and insecticidal compositions containing them.
123.	126896	2-6-1970	Porvair Ltd, Estuary Road, North Lynn, King's Lynn, Norfolk, England.	Water vapour permeable polymer sheet materials.
124.	126897	2-6-1970	Alcan Research and Development Ltd, 1, Place ville Marie, Montreal, Quebec, Canada.	Preparation of aluminium.
125.	126902	2-6-1970	Farbwerke Hoechst Aktiengesellschaft, vormals Meister Lucius Brunning, 45 Brunning Strasse, Frankfurt/Main, Federal Republic of Germany.	Water-soluble monoazo dyestuffs.
126.	126970	24-4-1972	Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London, S.W.1., England.	Morpholine derivatives.
127.	126971	26-6-1970	Do.	Polymeric shaped articles.
128.	126951	5-6-1970	Hindustan Lever Ltd, Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-400020.	Perfume composition.
129.	127067	15-6-1970	Instytut Wlokien Syntetycznych, of Lodz, Ul Sklodouskiej-Curie, No. 19/27, Poland.	Polyethylene terephthalate.
130.	127104	16-6-1970	Ethicon Inc, Somerville, New Jersey, U.S.A.	Polypropylene non-absorbable suture.
131.	127129	17-6-1970	British Insulated Callender's Cables Ltd, 21, Bloomsbury St, London, WC1B 3QN, England.	Plastics extrusion process.
132.	127151	2-4-1971	Council of Scientific And Industrial Research, Rafi Marg, New Delhi-1.	Preparation of cadmium selenide use in photo conductive cadmium selenide cells.
133.	127250	24-6-1970	Fried Krupp GmbH., 43 Essex, Altenedorfer Strasse 103, German Federal Republic.	Recovery of p-xylene by crystallisation.
134.	127274	20-6-1970	Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London, S.W.1., England.	Improving the adhesion of polyolefin surfaces.
135.	127352	1-7-1970	Union Carbide Corporation, 270 Park Avenue, New York, New York-10017, U.S.A.	Biochemical oxidation with low sludge recycle.
136.	127353	1-7-1970	Union Carbide Corporation, 270 Park Avenue, New York, New York-10017, U.S.A.	Bio-oxidation with low sludge-yield.
137.	127354	1-7-1970	Do.	Staged oxygenation of water containing biochemically active oxidizable material.
138.	127355	1-7-1970	Do.	A method of treating water containing biochemically oxidizable materials.
139.	127363	2-7-1970	Bohna Engineering and Research Inc, 22 Battery St, San Francisco, State of California, U.S.A.	Concentrated phosphoric acid compounds from mono calcium phosphate.
140.	127364	20-4-1972	Pfizer Corporation, 15½ Avenida Santa Isabel, Colon, Republic of Panama.	Increasing the recoverable yield of antibiotics and penicillin acylase from fermentation broth.

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141.	127365	2-7-1970	British Industrial Plastics Ltd, of Asbestos House, 77/79 Fountain Street, Manchester M2 2EA, England.	Process and apparatus for producing continuously low density self-sustaining foam.
142.	127374	3-7-1970	Universal Oil Products Company, No. 30 Algonquin Road, Des Plaines, State of Illinois, U.S.A.	Novel catalytic composite.
143.	127415	6-7-1970	Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London, S.W.1, England.	Coated bi-axially oriented synthetic linear polyester films.
144.	127438	7-7-1970	Sun Oil Co., of 1608, Walnut Street, City of Philadelphia Pennsylvania, U.S.A.	Hydro refined hydrocarbon oil.
145.	127483	9-7-1970	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	Benzthiazyl-sulphuramides.
146.	127495	20-4-1972	ICI Australia Ltd, State of Victoria, Australia of 1 Nicholson St. Melbourne, Victoria, Australia.	D-tetramisole solutions.
147.	127583	17-7-1970	Albright Morarji and Pandit Ltd, Raj Mahal, 3rd Floor, 84 Vicer Nariman Road, Bombay-20.	Sodium tripolyphosphate.
148.	127614	20-7-1970	Hooker Chemical Corporation, of Niagara falls, New York, U.S.A.	Metal plating of electrically non-conductive substances.
149.	127619	20-4-1972	Pfizer Inc, 235 East 42nd Street, New York, State of New York, U.S.A.	Esters of alpha-carboxyaryl methyl penicillins.
150.	127626	20-7-1970	Snam Progetti S.p.A., 16, Corso Venezia, Milan, Italy.	Extraction of aromatic hydrocarbons.
151.	127646	21-7-1970	Snam Progetti S.P.A., 16, Corso Venezia, Milan, Italy.	Separation of conjugated diolefins from mixtures containing the same.
152.	127658	22-7-1970	Do.	Extraction of aromatic hydrocarbon from mixtures of aromatic and aliphatic hydrocarbons.
153.	127669	23-7-1970	VEB Chemefaser Kombinat Schwarza Wilhelm Pieck, Rudol/stadt-Sdwarza, German Democratic Republic.	Spinning of threads from acrylnitril polymers.
154.	127675	23-7-1970	Alpura Aktiengesellschaft, of Bern, Switzerland.	Sterilization of packaging materials.
155.	127716	25-7-1970	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	Production of 1,3-diacetoxy-2-methylere Propane.
156.	127730	27-7-1970	Eastman Kodak Company, 343 State Street, Rochester, New York 14650, U.S.A.	A method of fogging unexposed photographic silver halide and a photographic silver halide fogging composition.
157.	127732	27-7-1970	Dentoria, 153 rue Armand Silvestre, 92 Courbevoie, France.	Dental cement.
158.	127749	28-7-1970	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Production of micro crystalline waxes and distillates from crude.
159.	127751	26-4-1971	Council of Scientific and Industrial Research, Rafi Marg, New Delhi-1.	Regeneration of used lubricating oils.
160.	127804	20-4-1972	Eli Lilly & Co. 307 Mc Carty Street, Indianapolis, Indiana, U.S.A.	New antibiotic.
161.	127808	30-7-1970	Bayer Aktiengesellschaft, of Leverkusen, Federal Republic of Germany.	3-(4-chloropyrazolyl) coumarines compounds.
162.	127824	31-7-1970	British Tital Ltd, of Billingham, Teesside Great Britain.	Removal of iron from iron containing titanium materials.
163.	127880	4-8-1970	The Firestone Tire & Rubber Co, 1200 Firestone Park way, Akron, State of Ohio, 44317, U.S.A.	Polymerising conjugated dienes.
164.	127983	10-8-1970	Rostero S.A., 12, AV Industrielle, Geneva-Acacias, Switzerland.	Apparatus and method for the casting of resin sheets from polymerizable flowable material.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.
(PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

83351.—M/s. Machinery Manufacturers Corporation Ltd.

92770.—M/s. Velcro SA.

128036.—M/s. Tractel—Tirfor India Private Limited.

135362.—M/s. Pulling and Lifting Machines Private Limited.

RENEWAL FEES PAID

75248 75304 75327 75440 75542 75543 76540 80591 80592
80605 80669 80723 80734 80749 80769 80887 80941 80989
81000 81008 81147 81406 82435 82862 83126 83568 84056
85132 86290 86299 86302 86409 86547 86853 86552 86682
87036 87058 87294 87505 90770 91025 91079 91792 92106
92146 92159 92177 92245 92295 92296 92316 92329 92588
92830 92955 93408 94069 94070 94596 94812 97563 97605
97733 97742 97770 97819 97914 97915 97928 97944 97961
97981 97983 97984 98045 98124 98173 98510 98567 99315
100842 101119 101480 102566 103664 103704 103775 103823
103876 103877 103912 103922 103932 103944 103953 104019
104043 104301 104306 104310 104444 104461 104580 104626
104645 104739 104890 105722 105771 106859 108020 108320
108874 109013 109066 109081 109084 109143 109164 109166
109173 109185 109192 109193 109194 109195 109198 109200
109229 109235 109247 109342 109355 109356 109439 109446
109483 109497 109516 109526 109538 109562 109565 109573
109685 109764 109922 109955 109963 109964 110002 110008
110300 110506 111364 112202 112338 114310 114341 114346
114348 114349 114367 114373 114374 114426 114427 114444
114504 114505 114516 114524 114543 114554 114555 114617
114644 114677 114728 114747 114914 114947 115050 115202
115420 118983 119083 119214 119477 119546 119578 119602
119637 119645 119679 119685 119688 119743 119762 119774
119775 119783 119784 119791 119814 119834 119846 119863
129885 119952 120058 120063 120187 120297 120329 120392
120511 120567 120613 121403 121694 121910 122885 122886
123842 124029 124030 124650 124833 124903 124969 125018
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125755 125757 125869 125888 125991 126129 126197 126358
126527 126801 127245 127283 127348 127786 128806 129068
129209 129288 129380 129653 129753 129970 130138 130139
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130252 130269 130271 130282 130308 130311 130323 130353
130367 130389 130415 130449 130463 130526 130632 130645
130685 130801 130827 130977 131118 131409 131439 131452
132212 133155 133156 133470 133471 133634 133788 133919
134220 134225 134226 134227 134316 134453 134500 134503
134504 134512 134520 134522 134536 134549 134552 134553
134554 134556 134560 134561 134564 134566 134569 134583
134608 134609 134620 134635 134663 134667 134675 134679
134688 134718 134720 134721 134749 134752 134753 134762

134763 134841 134894 134973 134977 134982 134991 135062
135099 135135 135237 135541 135761 135968 135969 135970
135971 135972 136026 136064 136075 136145 136194 136191
136212 136258 136354 136453 136464 136510 136532 136547
136587 136588 136596 136597 136598 136601 136615 136623
136649 136679 136742 136770 136780 136782 136783 136785
136786 136788 136792 136793 136795 136800 136815 136819
136820 136821 136832 136837 136843 136856 136864 136867
136890 136897 136970 136976 136993.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 143147. Gaye Cursetjee, No. 33, Church Street, Bangalore-1, Karnataka State, India, Indian. "Autorikshaws". June 27, 1975.

Class 1. No. 143410. Nagpal Electronics, A 11 Community Centre, Naraina, New Delhi-110028, an Indian Partnership concern. Indian National. "A transistor Radio". September 16, 1975.

Class 3. No. 143336. Paros Electronics, Plot No. 5, Community Centre, Naraina, New Delhi-28, an Indian Company. "Cassette Tape Recorder". August 21, 1975.

Class 3. No. 143337. Paros Electronics, Plot No. 5, Community Centre, Naraina, New Delhi-28, an Indian Company. "Cassette Player with Radio". August 21, 1975.

Class 3. No. 143339. Paros Electronics, Plot No. 5, Community Centre, Naraina, New Delhi-28, an Indian Company. "Cassette Tape Recorder". August 21, 1975.

Class 3. No. 143386. Asian Advertisers, 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra State, India, (formerly of 191, Kalbadevi Road, Bombay-2), an Indian Partnership Firm. Indian Nationality. "Coaster". September 9, 1975.

Class 3. No. 143387. Asian Advertisers, 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra State, India, (formerly of 191, Kalbadevi Road, Bombay-2), an Indian Partnership Firm. Indian Nationality. "Slip Box". September 9, 1975.

Class 3. No. 143388. Asian Advertisers, 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra State, India, (formerly of 191, Kalbadevi Road, Bombay-2), an Indian Partnership Firm. Indian Nationality. "Container with ball pens". September 9, 1975.

Class 3. No. 143389. Asian Advertisers, 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra State, India, (formerly of 191, Kalbadevi Road, Bombay-2) an Indian Partnership firm. Indian Nationality. "Pen Stand-cum-pen". September 9, 1975.

Class 3. No. 143390. Asian Advertisers, 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra State, India, (formerly of 191, Kalbadevi Road, Bombay-2), an Indian Partnership firm. Indian Nationality. "Key chain". September 9, 1975.

- Class 3. No. 143391. Asian Advertisers, 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra State, India, (formerly of 191, Kalbadevi Road, Bombay-2), an Indian Partnership Firm. Indian Nationality. "Mat" September 9, 1975.
- Class 3. No. 143392. Asian Advertisers, 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay-400 004, Maharashtra State, India, (formerly of 191, Kalbadevi Road, Bombay-2), an Indian Partnership Firm. Indian Nationality. "Ash tray". September 9, 1975.
- Class 3. No. 143408. Hema Bhargava & Company, 33, Anjali, near Radio Club, Colaba, Bombay-400 005, Maharashtra, India, an Indian proprietary concern, an Indian National. "Tube Squeezing device". September 15, 1975.
- Class 3. No. 143441. Hema Bhargava & Company, 33, Anjali, near Radio Club, Colaba, Bombay-400 005, Maharashtra, India, an Indian proprietary concern, an Indian National. "Container". September 25, 1975.
- Class 3. No. 143464. Hema Bhargava & Company, 33, Anjali, near Radio Club, Colaba, Bombay-400 005, Maharashtra, India, an Indian proprietary concern, an Indian National. "Egg Dish with Spoons". October 1, 1975.
- Class 4. No. 143407. The Mahalakshmi Glass Works Private Limited, (a private limited company incorporated under the Indian Companies Act) at Dr. E. Moses Road, Jacob Circle, Bombay-400 011, Maharashtra, India. "Bottle". September 15, 1975.

S. VEDARAMAN,

Controller-General of Patents, Designs and
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